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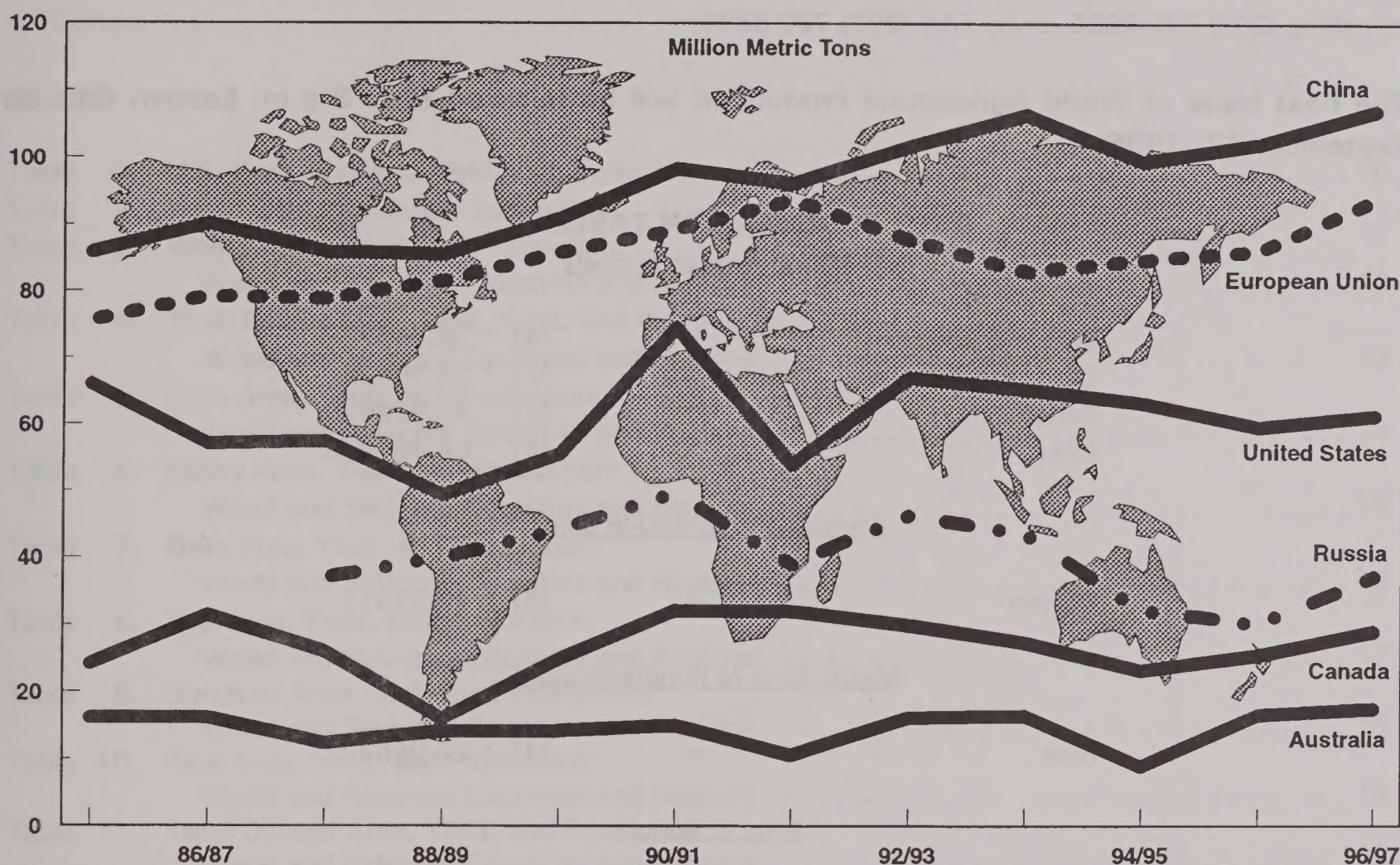
United States  
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Agriculture

Foreign  
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Service

Circular Series  
WAP 08-96  
August 1996

# World Agricultural Production

## Wheat Production In Selected Countries



## Production Articles This Month ...

World Wheat

World Soybeans



This report draws on information from USDA's global network of agricultural attaches and counselors, official statistics of foreign governments, other foreign source materials, and results of office analysis. Estimates of U.S. acreage, yield, and production are from the USDA's Agricultural Statistics Board, except where noted. This report is based on unrounded data; numbers may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-317), August 12, 1996.

This report was prepared by the Production Estimates and Crop Assessment Division (PECAD), FAS/USDA, AgBox 1045, Washington, D.C. 20250-1045. Further information may be obtained by writing to the division, by calling (202) 720-0888, or by FAX (202) 720-8880.

The next issue of World Agricultural Production will be released after 3 p.m. Eastern time on September 12, 1996.

#### CONVERSION TABLE

##### Metric tons to bushels

Wheat & soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

##### Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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##### Metric tons to hundredweight

Rice	=	MT * 22.04622
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##### Area & Weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds

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## TABLE OF CONTENTS

August 1996

### SUBJECT

### PAGE

#### PRODUCTION HIGHLIGHTS FOR 1996/97

Wheat .....	5
Coarse Grains .....	6
Rice .....	7
Oilseeds .....	8
Cotton .....	9

#### TABLES

Table 1.	U.S. Crop Acreage, Yield, and Production .....	10
Table 2.	World Crop Production Summary .....	11
Table 3.	Wheat Area, Yield, and Production: World and Selected Countries and Regions .....	12
Table 4.	Total Coarse Grain Area, Yield, and Production: World and Selected Countries and Regions .....	13
Table 5.	Corn Area, Yield, and Production: World and Selected Countries and Regions .....	14
Table 6.	Barley Area, Yield, and Production: World and Selected Countries and Regions .....	15
Table 7.	Oats Area, Yield, and Production: World and Selected Countries and Regions .....	16
Table 8.	Rye Area, Yield, and Production: World and Selected Countries and Regions .....	17
Table 9.	Sorghum Area, Yield, and Production: World and Selected Countries and Regions .....	18
Table 10.	Rice Area, Yield, and Production: World and Selected Countries and Regions .....	19
Table 11.	Total Oilseed Area, Yield, and Production: World and Selected Countries and Regions .....	20
Table 12.	Soybean Area, Yield, and Production: World and Selected Countries and Regions .....	21
Table 13.	Cottonseed Area, Yield, and Production: World and Selected Countries and Regions .....	22
Table 14.	Peanut Area, Yield, and Production: World and Selected Countries and Regions .....	23
Table 15.	Sunflowerseed Area, Yield, and Production: World and Selected Countries and Regions .....	24
Table 16.	Rapeseed Area, Yield, and Production: World and Selected Countries and Regions .....	25
Table 17.	Copra, Palm Kernel, and Palm Oil Production: World and Selected Countries and Regions .....	26
Table 18.	Cotton Area, Yield, and Production: World and Selected Countries and Regions .....	27
Table 19.	Reliability of August Production Projections .....	28



<u>SUBJECT</u>	<u>PAGE</u>
----------------	-------------

MAPS

Map 1. World Agricultural Weather Highlights . . . . .	29
Map 2. August Normal Crop Calendar . . . . .	30
Map 3. September Normal Crop Calendar . . . . .	31
Map 4. Former Soviet Union: Major Agricultural Areas . . . . .	38

WEATHER BRIEFS

Korean Peninsula: Persistent Rainfall . . . . .	32
China: July Flood Summary . . . . .	32

PRODUCTION BRIEFS

Korea: Onion Production Decline Leads to Shortfall . . . . .	33
Nicaragua: Coffee Output Revised Downward Due To Rains . . . . .	33
New Zealand: Citrus Sector Losing Ground To Imports . . . . .	34
United States: Crop Condition and Progress . . . . .	35
Former Soviet Union: Weather and Crop Developments . . . . .	37

FEATURE COMMODITY ARTICLES

World Wheat Production . . . . .	39
World Soybean Production . . . . .	44

FEATURE TABLES

Table 20. World Soybean Area, Yield, and Production, 1986/87 - 1996/97 . . . . .	46
--	----

FEATURE CHARTS

Chart 1. World Wheat Production, 1986/87 - 1996/97 . . . . .	42
Chart 2. World Grain Production, 1960/61 - 1996/97 . . . . .	43
Chart 3. World Soybean Harvested Area, 1986/87 - 1996/97 . . . . .	46
Chart 4. World Soybean Yield, 1986/87 - 1996/97 . . . . .	46
Chart 5. World Soybean Production, 1986/87 - 1996/97 . . . . .	46



# PRODUCTION HIGHLIGHTS FOR 1996/97

August 1996

## WHEAT

<u>Country</u>	-----	1996/97	-----	Change	<u>Comments</u>
	<u>Current</u> <u>Estimate</u> MMT	<u>Monthly</u> <u>Change</u> MMT	<u>Monthly</u> <u>Change</u> (%)	<u>From</u> <u>1995/96</u> (%)	
World	570.6	-4.5	-1	+ 7	Production is forecast lower this month due to decreases in the United States and the total foreign category.
United States	61.2	-0.4	-1	+ 3	Production is estimated lower due to a reduction in forecast spring wheat yields.
Total Foreign	509.4	-4.1	-1	+ 7	Production is forecast lower this month due mainly to reductions in Ukraine, Kazakstan, India, the European Union, and Eastern Europe; however, output in China and Canada is increased.
Ukraine	15.0	-4.0	-21	-8	Production is forecast lower due to preliminary harvest results indicating a smaller yield.
India	66.0	-2.0	-3	+ 1	Production is forecast down as preliminary harvest results indicate lower area and yield.
Kazakstan	10.0	-1.0	-9	+54	Production is forecast lower due to reduced area and dry conditions in the western wheat-growing areas that reduced yield prospects.
Eastern Europe	27.2	-0.7	-3	-22	Production is forecast lower in Hungary, Slovakia, and Bulgaria as preliminary harvest results indicate reduced yield. In Poland, wheat is revised higher based on higher yield prospects.
European Union	93.8	-0.4	-0	+ 9	Production is forecast lower as decreases in France, United Kingdom, and Italy more than offset increases in Germany, Spain, and Greece.
Moldova	0.7	-0.2	-22	-36	Production is forecast lower due to early harvest results indicating a reduced yield.
Turkmenistan	0.5	-0.2	-29	-23	Production is forecast lower due to a reduction in yield.
China	107.0	+ 3.0	+ 3	+ 5	Production is forecast at a record due to a more favorable outlook for both the winter and spring wheat crops.
Canada	29.0	+ 1.0	+ 4	+ 14	Production is forecast higher due to generally favorable weather across the Prairie Provinces.



### WHEAT, continued

<u>Country</u>	----- Current <u>Estimate</u> MMT	1996/97 Monthly <u>Change</u> MMT	----- Monthly <u>Change</u> (%)	Change From <u>1995/96</u> (%)	<u>Comments</u>
Kyrgyzstan	0.9	+0.3	+38	+34	Production is forecast higher based primarily on an increase in area.
Belarus	0.6	+0.2	+50	+71	Production is forecast higher as area is revised higher.

### COARSE GRAINS

<u>Country</u>	----- Current <u>Estimate</u> MMT	1996/97 Monthly <u>Change</u> MMT	----- Monthly <u>Change</u> (%)	Change From <u>1995/96</u> (%)	<u>Comments</u>
World	856.0	-16.2	-2	+8	Production is forecast sharply lower this month due to reductions in the United States and the total foreign category.
United States	250.5	-11.4	-4	+20	Production is forecast lower due to declines in corn and sorghum output.
Total Foreign	605.5	-4.7	-1	+4	Production is forecast lower this month due to reductions in Eastern Europe, Ukraine, Russia, Kazakhstan, and Mexico which more than offset increases in the European Union, and Canada.
Ukraine	10.8	-1.7	-14	-31	Production is forecast lower due to hot, dry weather in the southeastern growing region that reduced yield potential for barley and corn.
Russia	33.1	-1.5	-4	+8	Production is forecast lower mainly due to a July heatwave in Western Russia that negatively affected yield prospects for barley and corn.
Mexico	22.0	-1.0	-4	+10	Production is forecast lower due to a decrease in corn area in the Northwest regions as farmers conserve water for other crops. Also, pockets of less-than-normal rainfall in the main growing regions reduced yield potential.
Kazakhstan	4.2	-0.7	-14	+39	Production is forecast lower due to dry, warm weather in the western barley growing areas.



# COARSE GRAINS, continued

<u>Country</u>	----- 1996/97 -----		Change		<u>Comments</u>
	<u>Current</u>	<u>Monthly</u>	<u>Monthly</u>	<u>From</u>	
	<u>Estimate</u>	<u>Change</u>	<u>Change</u>	<u>1995/96</u>	
	MMT	MMT	(%)	(%)	
Eastern Europe	48.6	-0.6	-1	-7	Production is forecast lower due to decreases in corn output for Romania and Bulgaria which more than offset an increase in barley output in Poland.
North Korea	2.0	-0.2	-7	NC	Production is forecast lower as heavy rainfall reduced corn area.
European Union	98.3	+1.0	+1	+11	Production is forecast higher due mainly to increases in corn area for Greece and Germany as farmers switched from cotton and barley, respectively. Also, Finland's oat production increased slightly.
Canada	27.4	+0.5	+2	+14	Production is forecast higher as favorable weather across the Prairie Provinces improved barley yield potential.

# RICE (MILLED BASIS)

<u>Country</u>	----- 1996/97 -----		Change		<u>Comments</u>
	<u>Current</u>	<u>Monthly</u>	<u>Monthly</u>	<u>From</u>	
	<u>Estimate</u>	<u>Change</u>	<u>Change</u>	<u>1995/96</u>	
	MMT	MMT	(%)	(%)	
World	375.7	-0.8	-0	+1	Production is forecast lower in both the United States and the total foreign category.
United States	5.5	-0.0	-1	-3	Production is forecast slightly lower based on a reduction in projected yield.
Total Foreign	370.2	-0.8	-0	+1	Production is forecast lower as decreased output in China and Japan more than offsets an increase in Vietnam.
China	130.0	-1.0	-1	+0	Production is forecast lower due to flooding that reduced area to last season's level.
Japan	9.3	-0.4	-4	-5	Production is forecast lower due to a decrease in area reflecting efforts by MAFF to reduce rice planting area.
Vietnam	17.8	+0.6	+3	+2	Production is forecast higher due to an upward revision of the 1995/96 winter-spring crop. Also, area is revised higher and near last season's level.

# OILSEEDS



<u>Country</u>	----- 1996/97 -----			Change From 1995/96 (%)	<u>Comments</u>
	<u>Current</u>	<u>Monthly</u>	<u>Monthly</u>		
	<u>Forecast</u> MMT	<u>Change</u> MMT	<u>Change</u> (%)		
World	254.8	-2.4	-1	+0	Production is forecast lower due to reductions in the United States and the total foreign category.
United States	72.3	-0.8	-1	+6	Production is estimated lower due to yield reductions for soybeans, peanuts, and sunflowerseeds as well as a decline in cotton area.
Total Foreign	182.5	-1.7	-1	-2	Production is forecast lower this month due to reductions in the FSU-12 and Eastern Europe.
FSU-12	9.8	-1.4	-13	-13	Production of sunflowerseed is estimated lower resulting from persistent dry conditions in both Russia and the Ukraine.
Eastern Europe	4.4	-0.3	-7	-16	Production is estimated lower as a result of reduced rapeseed production in Poland. Early harvest reports indicate that the winter rapeseed yield is below expectations.
EU-15	12.7	+0.1	+1	-4	Production is estimated higher due to harvest reports indicating increases in French winter rapeseed area and yield.

#### PALM OIL

<u>Country</u>	----- 1996/97 -----			Change From 1995/96 (%)	<u>Comments</u>
	<u>Current</u>	<u>Monthly</u>	<u>Monthly</u>		
	<u>Forecast</u> MMT	<u>Change</u> MMT	<u>Change</u> (%)		
World	16.2	NC	NC	+4	No change this month. Production is forecast at a record, up 0.7 million tons from last year.



## COTTON

<u>Country</u>	----- 1996/97 -----		Change		<u>Comments</u>
	<u>Current</u> <u>Estimate</u> MBALES	<u>Monthly</u> <u>Change</u> MBALES	<u>Monthly</u> <u>Change</u> (%)	<u>From</u> <u>1995/96</u> (%)	
World Total	88.4	-0.6	-1	-3	Production is estimated lower this month due to reductions in the United States and the total foreign category.
United States	18.6	-0.4	-2	+4	Production is estimated lower due to a reduction in area which more than offset an increase in yield.
Total Foreign	69.8	-0.2	-0	-4	Production is forecast lower this month mainly due to decreases in the FSU-12.
FSU-12	5.3	-0.2	-4	-8	Production is forecast lower due to decreased output in Uzbekistan as a cool, wet spring lowered yield potential.



TABLE 1

## U.S. Crop Acreage, Yield, and Production

COMMODITY	PLANTED AREA			HARVESTED AREA			YIELD			PRODUCTION		
	1994/95	1995/96	Proj. 1996/97	1994/95	1995/96	Proj. 1996/97	1994/95	1995/96	Prel. 1996/97 Proj.	1994/95	1995/96	Prel. 1996/97 Proj.
	-- Million acres--			-- Million acres--			-- Bushels per acre--			-- Million bushels--		
All Wheat	70.3	69.2	75.6	61.8	61.0	63.1	37.6	35.8	35.9	2,321	2,186	2,263
Winter	49.2	48.7	52.1	41.4	41.0	40.1	40.2	37.7	37.0	1,662	1,547	1,485
Other	21.1	20.5	23.5	20.4	20.0	23.0	33.0	32.0	38.9	659	639	778
Soybeans	61.7	62.6	64.3	60.9	61.6	63.4	41.4	34.9	36.7	2,517	2,152	2,315
Corn	79.2	71.2	79.6	72.9	65.0	73.3	138.6	113.5	123.0	10,103	7,374	9,115
Sorghum	9.8	9.5	13.3	8.9	8.3	12.0	72.8	55.6	66.7	649	460	760
Barley	7.2	6.7	7.1	6.7	6.3	6.8	56.2	57.2	58.2	375	359	394
Oats	6.6	6.3	4.6	4.0	3.0	2.7	57.1	54.7	58.0	229	162	155
							-- Pounds per acre--			-- Million CWT--		
Rice	3.4	3.1	2.9	3.3	3.1	2.9	5,964	5,621	5,905	197.8	173.9	170.0
										-- Million 480-pound bales--		
All Cotton	13.7	16.9	14.2	13.3	16.0	13.0	708	537	665	19.7	17.9	19.0



TABLE 2  
World Crop Production Summary

Commodity	World	Total Foreign	North America			Europe		FSU-12	Asia				South America		Selected Other		All Others				
			United States	Canada	Mexico	European Union	Oth. Europe		Eastern Europe	China	India	Indonesia	Pakistan	Thailand	Argentina	Brazil		Australia	South Turkey	Africa	
--- Million metric tons ---																					
<u>Wheat</u> 1994/95 1995/96 prel. 1996/97 proj. July August	524.7 535.6 575.1 570.6	461.6 476.1 513.5 509.4	63.2 59.5 61.6 61.2	23.1 25.4 28.0 29.0	4.2 3.5 3.2 3.2	84.5 86.2 94.2 93.8	0.8 0.9 1.0 1.0	34.0 34.7 27.9 27.2	59.9 58.9 73.5 68.5	99.3 102.0 104.0 107.0	59.8 65.5 68.0 66.0	0.0 0.0 0.0 0.0	15.2 17.0 17.5 17.5	0.0 0.0 0.0 0.0	11.3 8.6 14.0 14.0	2.2 1.5 2.5 2.5	8.9 16.6 17.5 17.5	1.8 2.0 2.4 2.4	14.7 15.5 16.0 16.0	41.8 37.9 43.9 43.9	
	<u>Coarse Grains</u> 1994/95 1995/96 prel. 1996/97 proj. July August	868.0 793.9 872.2 856.0	583.1 584.5 610.3 605.5	284.9 209.4 261.9 250.5	23.4 24.1 26.9 27.4	20.6 20.0 23.0 22.0	86.5 88.2 97.3 98.3	1.5 1.6 1.7 1.7	47.0 52.0 49.2 48.6	79.2 57.5 60.5 56.0	113.7 126.3 128.1 128.1	30.1 29.7 33.6 33.6	5.2 5.3 5.5 5.5	1.9 1.8 1.9 1.9	4.0 3.9 3.8 3.8	13.4 13.7 15.4 15.4	37.8 32.8 33.8 33.8	5.0 9.1 8.5 8.5	5.4 11.3 10.2 10.2	8.9 9.4 10.4 10.4	99.7 97.8 100.6 100.5
		<u>Rice (Milled)</u> 1994/95 1995/96 prel. 1996/97 proj. July August	365.4 371.3 376.5 375.7	358.9 365.6 371.0 370.2	6.5 5.7 5.6 5.5	0.0 0.0 0.0 0.0	0.3 0.2 0.2 0.2	1.3 1.2 1.6 1.6	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1.0 0.9 1.0 1.0	123.2 129.7 131.0 130.0	81.2 81.0 82.0 82.0	32.4 33.2 34.0 34.0	3.4 3.8 3.8 3.8	14.1 14.4 14.2 14.2	0.6 0.6 0.6 0.6	7.4 6.7 7.0 7.0	0.8 0.8 0.9 0.9	0.0 0.0 0.0 0.0	0.2 0.2 0.3 0.3
<u>Total Grains 1/</u> 1994/95 1995/96 prel. 1996/97 proj. July August			1,758.2 1,700.8 1,823.8 1,802.3	1,403.5 1,426.2 1,494.8 1,485.1	354.6 274.6 329.1 317.2	46.5 49.5 54.9 56.4	25.0 23.6 26.4 25.4	172.3 175.6 193.0 193.6	2.3 2.6 2.6 2.6	81.0 86.7 77.1 75.8	140.1 117.4 134.9 125.5	336.1 358.0 363.1 365.1	171.1 176.1 183.6 181.6	37.6 38.5 39.5 39.5	20.5 22.6 23.2 23.2	18.1 18.3 18.0 18.0	25.3 22.9 30.0 30.0	47.3 40.9 43.3 43.3	14.7 26.5 26.9 26.9	7.2 13.3 12.6 12.6	23.7 25.1 26.7 26.7
	<u>Oilseeds 2/</u> 1994/95 1995/96 prel. 1996/97 proj. July August		260.6 254.0 257.2 254.8	180.9 185.6 184.2 182.5	79.7 68.4 73.1 72.3	9.6 8.8 7.0 7.0	1.0 0.9 1.0 1.0	12.7 13.2 12.6 12.7	0.8 0.8 0.7 0.7	4.1 5.2 4.7 4.4	8.8 11.3 11.2 9.8	42.4 43.3 40.8 40.8	23.8 25.1 25.3 25.3	4.8 5.1 5.2 5.2	3.2 3.4 3.4 3.4	0.8 0.8 0.8 0.8	19.4 19.2 19.1 19.1	27.0 24.0 26.9 26.9	1.0 1.4 1.6 1.6	0.7 1.0 0.9 0.9	1.7 2.1 2.0 2.0
		<u>Cotton</u> 1994/95 1995/96 prel. 1996/97 proj. July August	85.5 90.9 89.0 88.4	65.9 73.0 70.0 69.8	19.7 17.9 19.0 18.6	0.0 0.0 0.0 0.0	0.5 0.9 1.0 1.0	2.0 2.2 2.3 2.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	8.8 8.3 8.0 7.8	19.9 21.9 19.0 19.0	10.8 11.9 10.5 10.5	0.0 0.0 0.0 0.0	6.3 8.1 8.2 8.2	0.0 0.0 0.0 0.0	1.6 1.8 2.0 2.0	2.5 1.7 2.0 2.0	1.5 1.8 2.5 2.5	0.1 0.2 0.2 0.2	2.9 3.8 3.7 3.7

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (in-shell), sunflowerseed, rapeseed, copra, and palm kernel.

Note: Entries of 0.0 Indicate no reported or insignificant production.

August 1996

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 3**  
**Wheat Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	215.12	219.36	230.00	228.90	2.44	2.44	2.50	2.49	524.72	535.58	575.09	570.64	-4.45	-0.77	35.06	6.55
United States	25.00	24.67	25.54	25.54	2.53	2.41	2.41	2.40	63.17	59.48	61.60	61.22	-0.38	-0.61	1.74	2.92
Total Foreign	190.12	194.68	204.46	203.35	2.43	2.45	2.51	2.51	461.55	476.10	513.50	509.42	-4.07	-0.79	33.32	7.00
Major Exporters	39.73	41.73	47.00	47.05	3.22	3.28	3.27	3.28	127.87	136.81	153.68	154.25	0.57	0.37	17.44	12.75
EU-15	15.79	16.13	17.10	17.15	5.36	5.34	5.51	5.47	84.54	86.16	94.18	93.75	-0.43	-0.45	7.59	8.81
France	4.58	4.75	5.00	5.00	6.67	6.50	6.60	6.50	30.55	30.86	33.00	32.50	-0.50	-1.52	1.64	5.31
United Kingdom	1.81	1.86	1.95	1.95	7.35	7.71	7.69	7.44	13.31	14.30	15.00	14.50	-0.50	-3.33	0.20	1.40
Germany	2.44	2.58	2.65	2.65	6.77	6.89	6.79	6.98	16.48	17.76	18.00	18.50	0.50	2.78	0.74	4.15
Canada	10.84	11.25	12.90	12.90	2.13	2.26	2.17	2.25	23.12	25.43	28.00	29.00	1.00	3.57	3.57	14.03
Australia	8.00	9.85	10.50	10.50	1.11	1.69	1.67	1.67	8.90	16.62	17.50	17.50	0.00	0.00	0.88	5.28
Argentina	5.10	4.50	6.50	6.50	2.22	1.91	2.15	2.15	11.30	8.60	14.00	14.00	0.00	0.00	5.40	62.79
Major Importers	86.83	87.94	92.47	91.51	2.37	2.32	2.38	2.37	205.78	204.16	219.70	217.05	-2.65	-1.21	12.88	6.31
China	28.98	28.81	29.40	29.50	3.43	3.54	3.54	3.63	99.30	102.00	104.00	107.00	3.00	2.88	5.00	4.90
FSU-12	42.22	45.31	48.22	47.18	1.42	1.30	1.52	1.45	59.90	58.92	73.46	68.51	-4.95	-6.74	9.59	16.27
Russia	22.18	23.91	25.00	25.00	1.45	1.26	1.48	1.48	32.10	30.10	37.00	37.00	0.00	0.00	6.90	22.92
Ukraine	4.51	5.48	6.50	6.25	3.07	2.97	2.92	2.40	13.86	16.27	19.00	15.00	-4.00	-21.05	-1.27	-7.82
Kazakhstan	12.62	12.55	13.00	12.20	0.72	0.52	0.85	0.82	9.05	6.49	11.00	10.00	-1.00	-9.09	3.51	54.08
Baltic States	0.41	0.44	0.46	0.46	1.97	1.93	1.92	1.92	0.81	0.86	0.88	0.88	0.00	0.00	0.02	1.98
Eastern Europe	10.07	9.68	8.64	8.63	3.37	3.58	3.22	3.15	33.96	34.67	27.86	27.16	-0.70	-2.51	-7.51	-21.66
Poland	2.41	2.41	2.40	2.40	3.18	3.60	3.46	3.58	7.66	8.67	8.30	8.60	0.30	3.61	-0.07	-0.78
Romania	2.42	2.42	1.80	1.80	2.56	3.05	1.83	1.83	6.19	7.37	3.30	3.30	0.00	0.00	-4.07	-55.22
Egypt	0.73	0.97	1.00	1.00	5.62	5.28	5.40	5.40	4.10	5.10	5.40	5.40	0.00	0.00	0.30	5.88
Morocco	3.05	1.70	3.05	3.05	1.81	0.65	1.84	1.84	5.52	1.10	5.60	5.60	0.00	0.00	4.50	409.09
Brazil	1.37	1.03	1.70	1.70	1.60	1.46	1.47	1.47	2.19	1.51	2.50	2.50	0.00	0.00	0.99	65.45
Other Foreign	63.56	65.01	64.99	64.79	2.01	2.08	2.16	2.13	127.91	135.12	140.13	138.13	-2.00	-1.43	3.00	2.22
India	25.10	25.60	25.30	25.10	2.38	2.56	2.69	2.63	59.84	65.47	68.00	66.00	-2.00	-2.94	0.53	0.81
Turkey	8.60	8.55	8.45	8.45	1.71	1.81	1.89	1.89	14.70	15.50	16.00	16.00	0.00	0.00	0.50	3.23
Pakistan	8.03	8.17	8.16	8.16	1.89	2.08	2.14	2.14	15.21	17.00	17.50	17.50	0.00	0.00	0.50	2.93
Mexico	0.97	0.87	0.80	0.80	4.30	3.98	4.00	4.00	4.15	3.46	3.20	3.20	0.00	0.00	-0.26	-7.51
Saudi Arabia	0.60	0.47	0.27	0.27	4.47	4.30	4.91	4.91	2.68	2.00	1.30	1.30	0.00	0.00	-0.70	-35.00
Rep. of South Africa	1.04	1.36	1.40	1.40	1.77	1.43	1.71	1.71	1.83	1.95	2.40	2.40	0.00	0.00	0.45	23.08
Others	19.23	19.99	20.62	20.62	1.53	1.49	1.54	1.54	29.49	29.74	31.73	31.73	0.00	0.00	1.98	6.67



TABLE 4

# Total Coarse Grain Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.				
	Million hectares				Metric tons per hectare				Million metric tons				MMT		Percent	
World	319.97	308.66	316.71	316.76	2.71	2.57	2.75	2.70	868.02	793.92	872.19	856.01	-16.17	-1.85	62.10	7.82
United States	37.59	33.54	38.56	38.48	7.58	6.24	6.79	6.51	284.89	209.42	261.91	250.48	-11.43	-4.36	41.06	19.61
Total Foreign	282.38	275.11	278.15	278.29	2.07	2.12	2.19	2.18	583.13	584.50	610.28	605.54	-4.74	-0.78	21.04	3.60
Major Exporters	19.83	21.43	23.02	23.02	2.58	2.90	2.81	2.84	51.21	62.12	64.77	65.27	0.50	0.77	3.14	5.06
Canada	6.96	6.96	8.11	8.11	3.36	3.46	3.31	3.37	23.39	24.09	26.85	27.35	0.50	1.86	3.26	13.52
Argentina	3.51	3.83	4.12	4.12	3.82	3.58	3.75	3.75	13.40	13.71	15.42	15.42	0.00	0.00	1.71	12.44
Australia	4.07	5.02	5.03	5.03	1.23	1.81	1.69	1.69	5.02	9.10	8.51	8.51	0.00	0.00	-0.59	-6.51
South Africa, Rep.	3.94	4.32	4.40	4.40	1.37	2.62	2.32	2.32	5.40	11.32	10.20	10.20	0.00	0.00	-1.13	-9.96
Thailand	1.36	1.30	1.36	1.36	2.94	3.00	2.79	2.79	4.00	3.90	3.80	3.80	0.00	0.00	-0.10	-2.56
Major Importers	95.76	89.27	86.34	86.53	2.48	2.48	2.71	2.64	237.40	221.45	233.67	228.58	-5.09	-2.18	7.13	3.22
FSU-12	48.93	43.79	39.51	39.76	1.62	1.31	1.53	1.41	79.23	57.50	60.49	56.04	-4.45	-7.36	-1.47	-2.55
Russia	30.15	27.21	25.25	25.25	1.50	1.13	1.37	1.31	45.10	30.70	34.60	33.10	-1.50	-4.34	2.40	7.82
Ukraine	7.00	6.90	5.95	6.37	2.65	2.26	2.11	1.70	18.53	15.61	12.53	10.83	-1.70	-13.57	-4.78	-30.61
Kazakhstan	7.67	5.81	4.65	4.55	0.89	0.51	1.03	0.91	6.86	2.99	4.80	4.15	-0.65	-13.54	1.17	39.03
Baltic States	1.51	1.29	1.19	1.19	1.73	1.64	1.74	1.74	2.60	2.11	2.06	2.06	0.00	0.00	-0.05	-2.42
EU-15	18.70	18.43	19.35	19.54	4.62	4.79	5.03	5.03	86.46	88.17	97.29	98.25	0.96	0.99	10.08	11.43
Germany	3.80	3.95	4.13	4.16	5.22	5.60	5.47	5.43	19.85	22.10	22.60	22.60	0.00	0.00	0.50	2.26
France	3.47	3.42	3.65	3.64	6.40	6.41	6.57	6.58	22.17	21.92	23.93	23.93	0.00	0.00	2.01	9.16
Eastern Europe	16.76	16.29	16.24	16.19	2.80	3.19	3.03	3.00	46.98	52.03	49.17	48.57	-0.60	-1.22	-3.46	-6.66
Poland	6.08	6.17	6.00	6.00	2.32	2.79	2.63	2.68	14.12	17.24	15.80	16.10	0.30	1.90	-1.14	-6.63
Romania	4.15	3.94	4.08	4.08	2.59	3.07	2.77	2.65	10.76	12.07	11.31	10.81	-0.50	-4.42	-1.27	-10.50
Czech Rep.	0.86	0.72	0.81	0.81	3.72	3.73	3.80	3.80	3.21	2.70	3.06	3.06	0.00	0.00	0.35	13.06
Mexico	9.47	9.10	9.65	9.45	2.18	2.20	2.38	2.33	20.61	20.00	23.00	22.00	-1.00	-4.35	2.00	10.00
Other W. Europe	0.40	0.38	0.41	0.41	3.89	4.26	4.07	4.07	1.54	1.63	1.66	1.66	0.00	0.00	0.03	1.59
Other Foreign	166.80	164.41	168.79	168.74	1.77	1.83	1.85	1.85	294.53	300.93	311.85	311.70	-0.15	-0.05	10.77	3.58
China	25.89	27.21	27.90	27.90	4.39	4.64	4.59	4.59	113.68	126.34	128.05	128.05	0.00	0.00	1.71	1.35
India	34.19	32.85	34.10	34.10	0.88	0.90	0.99	0.99	30.08	29.68	33.60	33.60	0.00	0.00	3.92	13.21
Brazil	14.74	14.27	14.61	14.61	2.56	2.30	2.32	2.32	37.76	32.76	33.83	33.83	0.00	0.00	1.07	3.28
Turkey	4.41	4.47	4.78	4.78	2.01	2.09	2.18	2.18	8.88	9.36	10.43	10.43	0.00	0.00	1.07	11.43
Indonesia	3.00	2.95	3.10	3.10	1.73	1.80	1.77	1.77	5.20	5.30	5.50	5.50	0.00	0.00	0.20	3.77
Philippines	2.97	2.70	2.70	2.70	1.53	1.56	1.52	1.52	4.53	4.20	4.10	4.10	0.00	0.00	-0.10	-2.38
Others	81.60	79.97	81.60	81.55	1.16	1.17	1.18	1.18	94.40	93.29	96.34	96.19	-0.15	-0.16	2.90	3.10



TABLE 5  
Corn Area, Yield, and Production  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.				
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	134.22	132.84	139.83	139.42	4.17	3.86	4.03	3.95	559.28	512.24	563.75	550.53	-13.22	-2.34	38.29	7.48
United States	29.50	26.30	29.99	29.65	8.70	7.12	7.72	7.45	256.62	187.31	231.53	220.85	-10.68	-4.61	33.55	17.91
Total Foreign	104.73	106.54	109.84	109.77	2.89	3.05	3.02	3.00	302.66	324.94	332.22	329.68	-2.54	-0.76	4.74	1.46
Major Exporters	6.65	7.04	7.60	7.60	2.94	3.53	3.37	3.37	19.54	24.86	25.60	25.60	0.00	0.00	0.74	2.98
Argentina	2.50	2.60	3.00	3.00	4.36	4.10	4.17	4.17	10.90	10.66	12.50	12.50	0.00	0.00	1.84	17.26
South Africa	2.95	3.30	3.40	3.40	1.64	3.18	2.79	2.79	4.85	10.50	9.50	9.50	0.00	0.00	-1.00	-9.52
Thailand	1.20	1.14	1.20	1.20	3.17	3.25	3.00	3.00	3.80	3.70	3.60	3.60	0.00	0.00	-0.10	-2.70
Major Importers	20.80	20.69	21.79	21.77	3.49	3.76	3.73	3.63	72.67	77.72	81.38	78.99	-2.39	-2.94	1.27	1.63
Eastern Europe	7.07	6.95	7.24	7.19	3.21	3.65	3.40	3.33	22.72	25.37	24.58	23.93	-0.65	-2.64	-1.45	-5.70
Romania	3.00	3.12	3.30	3.30	2.84	3.18	2.88	2.73	8.50	9.92	9.50	9.00	-0.50	-5.26	-0.92	-9.30
Yugoslavia	2.10	2.10	2.20	2.20	3.57	3.95	3.64	3.64	7.50	8.30	8.00	8.00	0.00	0.00	-0.30	-3.61
EU-15	3.72	3.69	3.90	4.08	7.61	7.82	8.17	8.09	28.30	28.85	31.83	32.99	1.16	3.64	4.15	14.37
France	1.64	1.62	1.75	1.75	7.72	7.61	7.71	7.71	12.64	12.35	13.50	13.50	0.00	0.00	1.15	9.32
Italy	0.91	0.94	0.97	0.97	8.05	8.86	9.28	9.28	7.32	8.34	9.00	9.00	0.00	0.00	0.66	7.93
Mexico	8.02	7.50	7.70	7.50	2.12	2.13	2.27	2.20	17.01	16.00	17.50	16.50	-1.00	-5.71	0.50	3.13
FSU-12	1.88	2.45	2.85	2.90	2.14	2.84	2.42	1.73	4.03	6.95	6.92	5.02	-1.90	-27.48	-1.94	-27.84
Russia	0.52	0.64	1.00	1.00	1.72	2.64	2.00	1.50	0.90	1.70	2.00	1.50	-0.50	-25.00	-0.20	-11.76
Ukraine	0.65	1.16	1.20	1.24	2.36	2.92	2.50	1.61	1.54	3.39	3.00	2.00	-1.00	-33.33	-1.39	-41.04
Other W. Europe	0.03	0.03	0.03	0.03	8.67	9.20	8.57	8.57	0.26	0.23	0.24	0.24	0.00	0.00	0.01	4.35
Others	0.08	0.08	0.08	0.08	4.44	4.13	4.13	4.13	0.36	0.33	0.32	0.32	0.00	0.00	-0.00	-1.23
Other Foreign	77.28	78.81	80.45	80.40	2.72	2.82	2.80	2.80	210.45	222.35	225.24	225.09	-0.15	-0.07	2.73	1.23
China	21.15	22.77	23.50	23.50	4.69	4.92	4.85	4.85	99.28	112.00	114.00	114.00	0.00	0.00	2.00	1.79
Brazil	14.19	13.70	14.00	14.00	2.61	2.34	2.36	2.36	36.98	32.00	33.00	33.00	0.00	0.00	1.00	3.13
India	6.10	6.10	6.15	6.15	1.50	1.61	1.63	1.63	9.12	9.80	10.00	10.00	0.00	0.00	0.20	2.04
Canada	0.96	1.00	1.05	1.05	7.37	7.25	7.14	7.14	7.04	7.25	7.50	7.50	0.00	0.00	0.25	3.43
Indonesia	3.00	2.95	3.10	3.10	1.73	1.80	1.77	1.77	5.20	5.30	5.50	5.50	0.00	0.00	0.20	3.77
Philippines	2.97	2.70	2.70	2.70	1.53	1.56	1.52	1.52	4.53	4.20	4.10	4.10	0.00	0.00	-0.10	-2.38
Egypt	0.89	0.89	0.89	0.89	6.38	6.47	6.52	6.52	5.65	5.74	5.80	5.80	0.00	0.00	0.06	1.08
Zimbabwe	1.40	1.55	1.40	1.40	0.64	1.68	1.43	1.43	0.89	2.60	2.00	2.00	0.00	0.00	-0.60	-23.08
Others	26.63	27.15	27.66	27.61	1.57	1.60	1.57	1.56	41.75	43.46	43.34	43.19	-0.15	-0.35	-0.28	-0.64



**TABLE 6**  
**Barley Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.				
		Million hectares				Metric tons per hectare				Million metric tons			MMT	Percent	MMT	Percent
World	73.21	68.54	65.84	66.07	2.19	2.06	2.32	2.28	160.59	141.45	152.73	150.76	-1.97	-1.29	9.31	6.58
United States	2.70	2.54	2.74	2.74	3.03	3.08	3.13	3.09	8.16	7.82	8.57	8.44	-0.13	-1.46	0.62	7.99
Total Foreign	70.51	66.00	63.11	63.33	2.16	2.02	2.28	2.25	152.42	133.63	144.16	142.31	-1.85	-1.28	8.69	6.50
EU-15	10.97	10.75	11.42	11.40	3.98	4.07	4.36	4.34	43.69	43.75	49.86	49.46	-0.40	-0.80	5.71	13.05
Denmark	0.71	0.72	0.76	0.76	4.89	5.40	4.87	4.87	3.45	3.86	3.70	3.70	0.00	0.00	-0.16	-4.24
France	1.41	1.39	1.46	1.45	5.44	5.56	5.82	5.86	7.65	7.74	8.50	8.50	0.00	0.00	0.76	9.83
Germany	2.07	2.11	2.30	2.25	5.27	5.64	5.43	5.33	10.90	11.89	12.50	12.00	-0.50	-4.00	0.11	0.92
Italy	0.39	0.39	0.39	0.39	3.74	3.65	3.85	3.85	1.47	1.43	1.50	1.50	0.00	0.00	0.07	5.19
Spain	3.60	3.30	3.50	3.50	2.11	1.58	2.71	2.71	7.60	5.20	9.50	9.50	0.00	0.00	4.30	82.69
United Kingdom	1.11	1.17	1.25	1.25	5.38	5.88	5.60	5.60	5.95	6.85	7.00	7.00	0.00	0.00	0.15	2.19
FSU-12	29.66	25.87	20.38	20.63	1.73	1.22	1.54	1.43	51.18	31.60	31.40	29.40	-2.00	-6.37	-2.21	-6.99
Russia	16.40	14.71	11.50	11.50	1.65	1.07	1.48	1.39	27.00	15.80	17.00	16.00	-1.00	-5.88	0.20	1.27
Ukraine	5.09	4.41	3.50	3.75	2.85	2.18	2.00	1.73	14.51	9.63	7.00	6.50	-0.50	-7.14	-3.13	-32.52
Kazakstan	6.05	4.79	3.60	3.60	0.84	0.50	0.97	0.83	5.10	2.41	3.50	3.00	-0.50	-14.29	0.59	24.64
Baltic States	1.06	0.89	0.78	0.78	1.80	1.64	1.79	1.79	1.91	1.47	1.40	1.40	0.00	0.00	-0.07	-4.44
Eastern Europe	3.73	3.41	3.35	3.35	2.94	3.30	3.07	3.08	11.00	11.25	10.28	10.33	0.05	0.49	-0.92	-8.19
Poland	1.03	1.05	1.10	1.10	2.60	3.13	2.73	3.00	2.69	3.28	3.00	3.30	0.30	10.00	0.02	0.64
Czech Rep.	0.68	0.56	0.65	0.65	3.80	3.84	3.85	3.85	2.58	2.14	2.50	2.50	0.00	0.00	0.36	16.82
Romania	0.76	0.57	0.50	0.50	2.12	2.98	2.60	2.60	1.61	1.70	1.30	1.30	0.00	0.00	-0.40	-23.53
Canada	4.09	4.37	5.00	5.00	2.86	2.99	2.90	3.00	11.69	13.04	14.50	15.00	0.50	3.45	1.97	15.07
Other W. Europe	0.24	0.24	0.23	0.23	3.60	3.94	3.80	3.80	0.86	0.93	0.88	0.88	0.00	0.00	-0.05	-5.51
Norway	0.18	0.18	0.18	0.18	2.85	3.29	3.29	3.29	0.51	0.58	0.58	0.58	0.00	0.00	-0.00	-0.17
Turkey	3.50	3.55	3.75	3.75	1.86	1.94	2.00	2.00	6.50	6.90	7.50	7.50	0.00	0.00	0.60	8.70
Australia	2.50	3.20	3.30	3.30	1.12	1.72	1.67	1.67	2.79	5.50	5.50	5.50	0.00	0.00	0.00	0.04
China	1.20	1.20	1.20	1.20	3.17	3.33	3.33	3.33	3.80	4.00	4.00	4.00	0.00	0.00	0.00	0.00
Morocco	2.58	1.30	2.30	2.30	1.44	0.46	1.48	1.48	3.72	0.60	3.40	3.40	0.00	0.00	2.80	466.67
India	0.79	0.85	0.85	0.85	1.67	1.86	1.88	1.88	1.31	1.58	1.60	1.60	0.00	0.00	0.02	1.27
Others	10.18	10.38	10.55	10.55	1.37	1.25	1.31	1.31	13.97	13.02	13.85	13.85	0.00	0.00	0.84	6.42



**TABLE 7**  
**Oats Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.				
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	19.86	18.31	18.17	18.16	1.68	1.57	1.70	1.70	33.26	28.68	30.81	30.80	-0.01	-0.04	2.12	7.38
United States	1.62	1.20	1.08	1.08	2.05	1.96	2.08	2.11	3.32	2.35	2.25	2.29	0.04	1.73	-0.06	-2.60
Total Foreign	18.23	17.11	17.09	17.08	1.64	1.54	1.67	1.67	29.94	26.34	28.56	28.51	-0.05	-0.18	2.18	8.27
FSU-12	9.97	9.34	8.92	8.89	1.39	1.14	1.36	1.34	13.85	10.69	12.13	11.93	-0.20	-1.65	1.24	11.64
Russia	8.33	7.93	7.60	7.60	1.28	1.08	1.25	1.25	10.70	8.60	9.50	9.50	0.00	0.00	0.90	10.47
Ukraine	0.60	0.56	0.50	0.53	2.30	1.99	2.20	1.89	1.39	1.12	1.10	1.00	-0.10	-9.09	-0.12	-10.39
Belarus	0.36	0.33	0.30	0.30	2.29	2.12	2.33	2.33	0.83	0.70	0.70	0.70	0.00	0.00	0.00	0.00
Baltic States	0.16	0.13	0.13	0.13	1.35	1.74	1.76	1.76	0.22	0.23	0.22	0.22	0.00	0.00	-0.01	-2.65
Maj. Foreign Exporters	2.70	2.51	2.94	2.94	1.81	1.94	1.98	1.98	4.89	4.88	5.82	5.82	0.00	0.00	0.94	19.16
Canada	1.49	1.20	1.69	1.69	2.44	2.38	2.37	2.37	3.64	2.86	4.00	4.00	0.00	0.00	1.14	39.96
Australia	0.94	1.04	1.00	1.00	0.96	1.62	1.50	1.50	0.90	1.67	1.50	1.50	0.00	0.00	-0.17	-10.29
Argentina	0.28	0.28	0.25	0.25	1.27	1.27	1.26	1.26	0.35	0.35	0.32	0.32	0.00	0.00	-0.03	-10.00
Other Foreign	5.73	5.46	5.43	5.47	2.12	2.13	2.12	2.16	12.14	11.64	11.49	11.79	0.30	2.61	0.16	1.37
China	0.50	0.54	0.55	0.55	1.20	1.19	1.18	1.18	0.60	0.64	0.65	0.65	0.00	0.00	0.01	1.56
EU-15	2.06	1.83	1.88	1.90	2.31	2.33	2.37	2.35	4.75	4.28	4.45	4.47	0.02	0.45	0.19	4.49
France	0.16	0.15	0.15	0.15	4.20	4.16	4.14	4.14	0.68	0.62	0.60	0.60	0.00	0.00	-0.02	-3.23
Germany	0.39	0.31	0.33	0.33	4.24	4.60	4.55	4.55	1.66	1.42	1.50	1.50	0.00	0.00	0.08	5.56
Italy	0.14	0.14	0.13	0.13	2.47	2.26	2.31	2.31	0.36	0.31	0.30	0.30	0.00	0.00	-0.00	-1.64
Finland	0.33	0.33	0.33	0.35	3.45	3.33	3.33	3.57	1.15	1.10	1.10	1.25	0.15	13.64	0.15	13.95
Sweden	0.32	0.27	0.27	0.27	3.07	3.47	3.52	3.52	0.99	0.95	0.95	0.95	0.00	0.00	0.00	0.32
Eastern Europe	1.30	1.12	1.01	1.01	1.96	2.26	2.12	2.12	2.56	2.53	2.13	2.13	0.00	0.00	-0.40	-15.68
Czech Rep.	0.07	0.06	0.06	0.06	3.28	3.12	3.33	3.33	0.22	0.19	0.20	0.20	0.00	0.00	0.01	6.95
Poland	0.62	0.60	0.45	0.45	2.01	2.51	2.22	2.22	1.24	1.50	1.00	1.00	0.00	0.00	-0.50	-33.11
Yugoslavia	0.12	0.12	0.13	0.13	1.67	1.67	1.85	1.85	0.20	0.20	0.24	0.24	0.00	0.00	0.04	20.00
Norway	0.10	0.09	0.12	0.12	3.01	3.78	3.50	3.50	0.30	0.35	0.42	0.42	0.00	0.00	0.07	19.32
Turkey	0.15	0.15	0.15	0.15	2.00	1.83	1.72	1.72	0.30	0.28	0.25	0.25	0.00	0.00	-0.03	-9.09
Others	1.29	1.40	1.41	1.41	1.92	1.77	1.78	1.87	2.48	2.47	2.50	2.63	0.13	5.20	0.16	6.35



**TABLE 8**  
**Rye Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	10.79	10.12	11.14	11.04	2.03	2.17	2.04	2.03	21.88	21.93	22.73	22.43	0.00	0.00	0.51	2.32
United States	0.17	0.15	0.15	0.15	1.75	1.65	1.70	1.70	0.29	0.25	0.25	0.25	0.00	0.00	0.00	0.79
Total Foreign	10.62	9.97	10.99	10.89	2.03	2.17	2.05	2.04	21.60	21.67	22.48	22.18	-0.30	-1.33	0.51	2.34
FSU-12	5.88	5.03	6.21	6.09	1.59	1.48	1.47	1.44	9.38	7.46	9.11	8.76	-0.35	-3.84	1.30	17.45
Russia	3.89	3.23	4.40	4.40	1.54	1.27	1.25	1.25	6.00	4.10	5.50	5.50	0.00	0.00	1.40	34.15
Ukraine	0.48	0.61	0.60	0.62	1.98	2.00	2.00	1.77	0.94	1.21	1.20	1.10	-0.10	-8.33	-0.11	-8.94
Belarus	1.01	1.00	1.00	0.93	1.90	2.00	2.20	2.16	1.92	2.00	2.20	2.00	-0.20	-9.09	0.00	0.00
Baltic States	0.28	0.27	0.28	0.28	1.67	1.57	1.57	1.57	0.47	0.42	0.44	0.44	0.00	0.00	0.02	4.76
Major Exporter																
Canada	0.19	0.16	0.14	0.14	2.13	1.92	1.79	1.79	0.40	0.30	0.25	0.25	0.00	0.00	-0.05	-16.67
Other Foreign	4.27	4.52	4.36	4.38	2.66	2.99	2.91	2.91	11.35	13.49	12.68	12.73	0.05	0.39	-0.77	-5.67
Eastern Europe	2.71	2.78	2.70	2.70	2.21	2.50	2.45	2.45	6.00	6.93	6.63	6.63	0.00	0.00	-0.31	-4.46
Hungary	0.09	0.08	0.08	0.08	2.22	2.13	2.13	2.13	0.20	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Poland	2.44	2.45	2.45	2.45	2.18	2.56	2.45	2.45	5.30	6.29	6.00	6.00	0.00	0.00	-0.29	-4.58
Czech Rep.	0.08	0.08	0.07	0.07	3.51	3.32	3.54	3.54	0.28	0.26	0.23	0.23	0.00	0.00	-0.03	-12.21
EU-15	1.24	1.41	1.33	1.35	3.99	4.35	4.23	4.22	4.94	6.15	5.63	5.68	0.05	0.89	-0.47	-7.58
Denmark	0.09	0.10	0.08	0.08	4.22	5.00	4.40	4.40	0.38	0.50	0.33	0.33	0.00	0.00	-0.17	-34.00
France	0.05	0.05	0.05	0.05	3.96	4.13	3.80	3.80	0.18	0.20	0.19	0.19	0.00	0.00	-0.01	-4.04
Germany	0.72	0.86	0.80	0.80	4.77	5.25	5.13	5.13	3.45	4.52	4.10	4.10	0.00	0.00	-0.42	-9.31
Spain	0.15	0.16	0.16	0.16	1.42	1.09	1.56	1.56	0.22	0.17	0.25	0.25	0.00	0.00	0.08	43.68
Austria	0.08	0.08	0.09	0.09	4.14	4.08	4.00	4.00	0.32	0.31	0.34	0.34	0.00	0.00	0.03	8.28
Sweden	0.04	0.05	0.04	0.04	4.50	4.51	4.50	4.50	0.18	0.20	0.18	0.18	0.00	0.00	-0.02	-11.33
Turkey	0.17	0.18	0.18	0.18	1.47	1.42	1.39	1.39	0.25	0.26	0.25	0.25	0.00	0.00	-0.00	-1.96
Others	0.15	0.15	0.15	0.15	1.05	1.04	1.15	1.15	0.15	0.16	0.17	0.17	-0.00	-0.00	0.01	9.68



**TABLE 9**  
**Sorghum Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	40.86	39.64	41.53	41.78	1.41	1.37	1.55	1.52	57.74	54.39	64.36	63.69	-0.67	-1.04	9.30	17.10
United States	3.61	3.35	4.61	4.86	4.57	3.49	4.19	3.84	16.49	11.69	19.31	18.64	-0.67	-3.46	6.94	59.37
Total Foreign	37.25	36.29	36.92	36.92	1.11	1.18	1.22	1.22	41.25	42.69	45.05	45.05	0.00	0.00	2.36	5.52
India	12.80	12.30	12.60	12.60	0.72	0.79	0.87	0.87	9.20	9.70	11.00	11.00	0.00	0.00	1.30	13.40
China	1.37	1.20	1.20	1.20	4.60	5.00	4.75	4.75	6.30	6.00	5.70	5.70	0.00	0.00	-0.30	-5.00
Mexico	1.10	1.30	1.65	1.65	2.73	2.69	3.03	3.03	3.00	3.50	5.00	5.00	0.00	0.00	1.50	42.86
Nigeria	6.50	6.40	6.45	6.45	1.00	1.06	1.05	1.05	6.50	6.80	6.80	6.80	0.00	0.00	0.00	0.00
Sudan	5.00	4.00	4.00	4.00	0.74	0.70	0.75	0.75	3.70	2.80	3.00	3.00	0.00	0.00	0.20	7.14
Argentina	0.47	0.63	0.55	0.55	3.53	3.32	3.64	3.64	1.65	2.10	2.00	2.00	0.00	0.00	-0.10	-4.76
Australia	0.50	0.65	0.60	0.60	2.02	2.38	2.00	2.00	1.02	1.56	1.20	1.20	0.00	0.00	-0.35	-22.83
Ethiopia	0.93	0.93	0.94	0.94	1.29	1.24	1.28	1.28	1.20	1.15	1.20	1.20	0.00	0.00	0.05	4.35
Colombia	0.18	0.18	0.18	0.18	3.09	3.10	3.19	3.19	0.56	0.54	0.58	0.58	0.00	0.00	0.03	5.89
Venezuela	0.15	0.18	0.18	0.18	1.33	1.31	1.31	1.31	0.20	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Egypt	0.16	0.15	0.15	0.15	4.63	5.24	5.00	5.00	0.76	0.78	0.75	0.75	0.00	0.00	-0.02	-3.23
Yemen	0.45	0.45	0.45	0.45	0.99	1.03	1.00	1.00	0.44	0.46	0.45	0.45	0.00	0.00	-0.01	-2.60
Tanzania	0.60	0.69	0.70	0.70	0.75	1.22	1.14	1.14	0.45	0.84	0.80	0.80	0.00	0.00	-0.04	-4.76
Niger	1.30	1.50	1.50	1.50	0.32	0.20	0.20	0.20	0.42	0.31	0.30	0.30	0.00	0.00	-0.01	-2.28
Rep. of South Africa	0.14	0.17	0.15	0.15	1.68	2.76	2.50	2.50	0.24	0.48	0.38	0.38	0.00	0.00	-0.11	-21.88
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.44	5.40	5.47	5.47	1.00	0.97	1.00	1.00	5.41	5.25	5.47	5.47	0.00	0.00	0.22	4.17



**TABLE 10**  
**Rice Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	147.76	147.78	148.45	148.22	3.66	3.73	3.76	3.76	365.41	371.28	376.53	375.69	-0.84	-0.22	4.41	1.19
United States	1.34	1.25	1.17	1.17	6.68	6.30	6.62	6.57	6.55	5.68	5.55	5.51	-0.04	-0.72	-0.17	-2.92
Total Foreign	146.42	146.53	147.29	147.06	3.64	3.70	3.74	3.74	358.86	365.60	370.98	370.18	-0.80	-0.22	4.58	1.25
Major Exporters	23.50	23.87	23.68	23.75	2.88	2.98	3.01	3.04	43.45	45.60	45.64	46.24	0.60	1.31	0.64	1.40
Vietnam	6.68	6.83	6.78	6.85	3.77	3.86	3.85	3.94	16.60	17.40	17.20	17.80	0.60	3.49	0.40	2.30
Thailand	9.20	9.25	9.20	9.20	2.33	2.36	2.34	2.34	14.12	14.40	14.20	14.20	0.00	0.00	-0.20	-1.39
Burma	5.52	5.70	5.70	5.70	2.90	3.02	3.16	3.16	9.28	10.00	10.44	10.44	0.00	0.00	0.44	4.40
Pakistan	2.11	2.09	2.00	2.00	2.45	2.73	2.85	2.85	3.45	3.80	3.80	3.80	0.00	0.00	0.00	0.00
Major Importers	15.71	15.83	16.14	16.14	4.15	4.17	4.21	4.21	43.45	43.87	45.25	45.25	0.00	0.00	1.38	3.15
Indonesia	11.17	11.30	11.50	11.50	4.46	4.52	4.55	4.55	32.40	33.20	34.00	34.00	0.00	0.00	0.80	2.41
Rep. of Korea	1.10	1.06	1.06	1.06	6.25	6.05	6.06	6.06	5.06	4.69	4.75	4.75	0.00	0.00	0.06	1.19
EU-15	0.36	0.36	0.41	0.41	5.63	5.59	6.10	6.10	1.30	1.23	1.57	1.57	0.00	0.00	0.33	26.82
Iran	0.62	0.62	0.65	0.65	4.36	4.36	4.39	4.39	1.80	1.80	1.90	1.90	0.00	0.00	0.10	5.56
Nigeria	1.67	1.70	1.70	1.70	2.20	2.22	2.25	2.25	2.20	2.26	2.30	2.30	0.00	0.00	0.04	1.77
Other Foreign	107.22	106.83	107.48	107.17	3.96	4.04	4.07	4.08	271.96	276.14	280.10	278.70	-1.40	-0.50	2.56	0.93
China	30.17	30.70	30.90	30.70	5.83	6.03	6.06	6.05	123.15	129.65	131.00	130.00	-1.00	-0.76	0.35	0.27
India	42.50	42.30	42.50	42.50	2.86	2.87	2.89	2.89	81.16	80.96	82.00	82.00	0.00	0.00	1.04	1.28
Bangladesh	9.92	9.95	9.95	9.95	2.55	2.67	2.71	2.71	16.83	17.68	18.00	18.00	0.00	0.00	0.32	1.83
Japan	2.21	2.12	2.10	2.00	6.77	6.34	6.34	6.39	10.90	9.78	9.70	9.30	-0.40	-4.12	-0.48	-4.92
Brazil	4.24	3.91	4.20	4.20	2.57	2.50	2.45	2.45	7.40	6.65	7.00	7.00	0.00	0.00	0.35	5.26
Philippines	3.67	3.80	3.80	3.80	2.86	2.83	2.83	2.83	6.81	7.00	7.00	7.00	0.00	0.00	0.00	0.00
Egypt	0.58	0.42	0.42	0.42	7.94	8.06	9.60	9.60	2.83	2.10	2.50	2.50	0.00	0.00	0.40	19.05
Taiwan	0.37	0.37	0.37	0.37	5.63	5.67	5.67	5.67	1.51	1.51	1.51	1.51	0.00	0.00	0.00	0.07
FSU-12	0.54	0.51	0.54	0.54	2.87	2.82	2.83	2.84	1.00	0.93	1.00	1.00	0.00	0.00	0.07	7.20
Russia	0.19	0.17	0.20	0.20	2.83	2.70	2.69	2.69	0.35	0.30	0.35	0.35	0.00	0.00	0.05	16.67
Australia	0.13	0.15	0.15	0.15	8.88	7.68	8.45	8.45	0.81	0.82	0.90	0.90	0.00	0.00	0.08	9.89
Others	12.90	12.61	12.55	12.55	2.77	2.69	2.82	2.84	19.55	19.06	19.49	19.49	-0.00	-0.00	0.43	2.24

August 1996

Production Estimates and Crop Assessment Division, FAS, USDA



TABLE 11

# Total Oilseed Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	--	--	--	--	--	--	--	--	260.63	253.98	257.20	254.76	-2.45	-0.95	0.78	0.31
	--	--	--	--	--	--	--	--	180.91	185.56	184.15	182.50	-1.65	-0.90	-3.06	-1.65
	--	--	--	--	--	--	--	--	5.47	5.01	5.14	5.14	0.00	0.00	0.13	2.58
	--	--	--	--	--	--	--	--	4.54	4.70	4.96	4.96	0.00	0.00	0.26	5.51
Major Oilseeds 2/ United States 2/	156.26	161.25	158.71	158.47	1.60	1.51	1.56	1.54	250.62	244.27	247.11	244.67	-2.45	-0.99	0.39	0.16
	32.20	33.57	32.88	32.74	2.48	2.04	2.22	2.21	79.72	68.41	73.05	72.26	-0.79	-1.08	3.85	5.62
Foreign Oilseeds 2/ South America	124.06	127.68	125.83	125.72	1.38	1.38	1.38	1.37	170.90	175.86	174.06	172.41	-1.65	-0.95	-3.45	-1.96
Brazil	24.62	24.76	25.61	25.61	2.03	1.90	1.97	1.97	50.09	47.15	50.36	50.36	0.00	0.00	3.21	6.81
Argentina	13.00	12.23	13.43	13.43	2.08	1.96	2.00	2.00	27.02	23.98	26.87	26.87	0.00	0.00	2.89	12.06
Paraguay	9.36	10.14	9.60	9.60	2.08	1.90	1.99	1.99	19.43	19.24	19.11	19.11	0.00	0.00	-0.13	-0.69
China	1.46	1.45	1.51	1.51	1.70	1.74	1.80	1.80	2.48	2.53	2.73	2.73	0.00	0.00	0.20	7.91
India	25.89	25.40	24.70	24.70	1.64	1.70	1.65	1.65	42.38	43.28	40.85	40.85	0.00	0.00	-2.44	-5.63
European Union	27.98	29.83	29.70	29.70	0.83	0.82	0.83	0.83	23.24	24.53	24.65	24.65	0.00	0.00	0.12	0.47
France	6.43	5.98	5.71	5.73	1.97	2.20	2.20	2.21	12.70	13.19	12.59	12.69	0.10	0.79	-0.50	-3.81
Italy	1.83	1.92	1.85	1.87	2.25	2.53	2.46	2.49	4.11	4.86	4.56	4.66	0.10	2.19	-0.20	-4.12
Germany	0.43	0.47	0.49	0.49	2.75	2.60	2.75	2.75	1.18	1.22	1.35	1.35	0.00	0.00	0.13	10.42
Spain	1.26	1.04	0.94	0.94	2.51	3.13	2.87	2.87	3.15	3.27	2.70	2.70	0.00	0.00	-0.57	-17.28
United Kingdom	1.35	1.09	1.15	1.15	0.83	0.63	1.14	1.14	1.11	0.68	1.31	1.31	0.00	0.00	0.63	92.23
FSU-12	0.50	0.45	0.38	0.38	2.61	2.99	2.89	2.89	1.30	1.33	1.10	1.10	0.00	0.00	-0.23	-17.29
Russia	8.95	10.10	9.89	9.88	0.98	1.12	1.13	0.99	8.77	11.28	11.22	9.79	-1.43	-12.71	-1.49	-13.21
Ukraine	3.84	4.86	4.75	4.75	0.81	0.95	0.92	0.82	3.10	4.62	4.38	3.88	-0.50	-11.42	-0.73	-15.93
Uzbekistan	1.85	2.04	1.95	1.94	0.88	1.42	1.46	1.05	1.62	2.90	2.84	2.03	-0.81	-28.37	-0.86	-29.82
Turkmenistan	1.54	1.50	1.50	1.50	1.63	1.47	1.60	1.53	2.50	2.20	2.40	2.30	-0.10	-4.17	0.10	4.55
Canada	0.54	0.45	0.45	0.45	1.19	1.22	1.33	1.33	0.64	0.55	0.60	0.60	0.00	0.00	0.05	9.09
Indonesia	6.66	6.14	4.64	4.64	1.44	1.43	1.52	1.52	9.60	8.78	7.03	7.03	0.00	0.00	-1.76	-20.00
Pakistan	2.10	2.14	2.14	2.14	1.18	1.21	1.22	1.22	2.49	2.60	2.61	2.61	0.00	0.00	0.01	0.39
Eastern Europe	3.12	3.46	3.47	3.47	1.01	0.98	0.99	0.99	3.15	3.40	3.44	3.44	0.00	0.00	0.04	1.21
Poland	2.52	3.10	3.01	2.91	1.61	1.68	1.55	1.50	4.06	5.19	4.67	4.36	-0.32	-6.74	-0.84	-16.08
Romania	0.37	0.61	0.38	0.30	2.04	2.25	2.11	1.67	0.76	1.36	0.80	0.50	-0.30	-37.50	-0.86	-63.26
Hungary	0.65	0.79	0.93	0.93	1.33	1.32	1.18	1.28	0.86	1.04	1.09	1.19	0.10	9.17	0.15	14.30
Turkey	0.45	0.53	0.55	0.55	1.60	1.42	1.54	1.54	0.72	0.76	0.84	0.84	0.00	0.00	0.08	10.99
Philippines	1.21	1.41	1.34	1.34	1.39	1.48	1.51	1.51	1.68	2.10	2.01	2.01	0.00	0.00	-0.08	-3.91
Mexico	0.06	0.06	0.06	0.06	0.87	0.83	0.86	0.86	0.06	0.05	0.06	0.06	0.00	0.00	0.00	3.77
Others	0.50	0.45	0.49	0.49	1.63	1.62	1.58	1.58	0.82	0.73	0.78	0.78	0.00	0.00	0.05	6.74
	14.03	14.85	15.06	15.05	0.85	0.91	0.92	0.92	11.87	13.58	13.81	13.80	-0.01	-0.11	0.22	1.61

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.



**TABLE 12**  
**Soybean Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	From last month	From last year		
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	62.86	61.71	64.03	64.18	2.19	2.00	2.06	2.05	137.54	123.62	132.08	131.66	-0.42	-0.32	8.04	6.50
United States	24.63	24.94	25.52	25.67	2.78	2.35	2.47	2.44	68.49	58.56	63.00	62.59	-0.42	-0.67	4.02	6.87
Total Foreign	38.23	36.77	38.51	38.51	1.81	1.77	1.79	1.79	69.04	65.06	69.08	69.07	-0.01	-0.01	4.01	6.17
Major Exporters	18.48	17.90	19.40	19.40	2.21	2.13	2.16	2.16	40.75	38.10	42.00	42.00	0.00	0.00	3.90	10.24
Brazil	11.68	11.00	12.20	12.20	2.22	2.11	2.13	2.13	25.90	23.20	26.00	26.00	0.00	0.00	2.80	12.07
Argentina	5.70	5.80	6.00	6.00	2.22	2.17	2.25	2.25	12.65	12.60	13.50	13.50	0.00	0.00	0.90	7.14
Paraguay	1.10	1.10	1.20	1.20	2.00	2.09	2.08	2.08	2.20	2.30	2.50	2.50	0.00	0.00	0.20	8.70
Other Foreign	19.75	18.87	19.11	19.11	1.43	1.43	1.42	1.42	28.29	26.96	27.08	27.07	-0.01	-0.02	0.12	0.43
China	10.00	8.50	8.30	8.30	1.60	1.59	1.60	1.60	16.00	13.50	13.30	13.30	0.00	0.00	-0.20	-1.48
India	3.99	4.81	5.00	5.00	0.83	0.93	0.90	0.90	3.30	4.47	4.50	4.50	0.00	0.00	0.03	0.67
Canada	0.82	0.82	0.88	0.88	2.75	2.78	2.56	2.56	2.25	2.28	2.25	2.25	0.00	0.00	-0.03	-1.27
Indonesia	1.47	1.50	1.50	1.50	1.09	1.13	1.13	1.13	1.60	1.70	1.70	1.70	0.00	0.00	0.00	0.00
Eastern Europe	0.16	0.18	0.20	0.20	1.56	1.70	1.52	1.52	0.26	0.30	0.30	0.30	0.00	0.00	-0.00	-0.33
European Union	0.35	0.29	0.32	0.32	2.93	3.23	3.15	3.15	1.03	0.94	0.99	0.99	0.00	0.00	0.05	5.64
FSU-12	0.66	0.55	0.57	0.57	0.74	0.66	0.74	0.74	0.49	0.36	0.42	0.42	-0.00	-1.19	0.06	16.71
Russia	0.58	0.49	0.50	0.50	0.73	0.60	0.70	0.70	0.42	0.29	0.35	0.35	0.00	0.00	0.06	20.69
Ukraine	0.04	0.02	0.03	0.03	0.70	1.30	0.83	0.80	0.03	0.03	0.03	0.02	-0.01	-25.00	-0.01	-33.33
Mexico	0.29	0.14	0.14	0.14	1.82	1.99	1.96	1.96	0.53	0.27	0.27	0.27	0.00	0.00	-0.01	-1.85
Thailand	0.35	0.35	0.35	0.35	1.36	1.29	1.29	1.29	0.48	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Korea, DPR	0.34	0.34	0.30	0.30	1.18	1.21	1.00	1.00	0.40	0.41	0.30	0.30	0.00	0.00	-0.11	-27.36
Japan	0.06	0.07	0.07	0.07	1.62	1.72	1.71	1.71	0.10	0.12	0.12	0.12	0.00	0.00	0.00	0.84
Bolivia	0.30	0.40	0.53	0.53	1.83	1.90	1.90	1.90	0.55	0.76	1.00	1.00	0.00	0.00	0.24	31.58
Rep. of Korea	0.12	0.11	0.10	0.10	1.26	1.52	1.60	1.60	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Colombia	0.06	0.05	0.05	0.05	2.07	2.00	2.00	2.00	0.12	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Others	0.78	0.79	0.82	0.82	1.34	1.45	1.50	1.50	1.04	1.14	1.22	1.22	-0.00	-0.00	0.08	6.99



**TABLE 13**  
**Cottonseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	32.08	35.29	33.48	33.18	1.03	0.97	1.01	1.01	33.02	34.35	33.93	33.59	-0.34	-1.01	-0.76	-2.22
United States	5.39	6.48	5.55	5.26	1.28	0.96	1.20	1.22	6.90	6.21	6.67	6.44	-0.23	-3.39	0.23	3.69
Total Foreign	26.69	28.81	27.93	27.92	0.98	0.98	0.98	0.97	26.12	28.14	27.26	27.15	-0.12	-0.42	-0.99	-3.53
China	5.53	5.42	5.00	5.00	1.39	1.56	1.46	1.46	7.70	8.44	7.32	7.32	0.00	0.00	-1.12	-13.25
FSU-12	2.71	2.57	2.55	2.55	1.37	1.28	1.39	1.35	3.70	3.31	3.53	3.43	-0.10	-2.83	0.13	3.87
Uzbekistan	1.54	1.50	1.50	1.50	1.63	1.47	1.60	1.53	2.50	2.20	2.40	2.30	-0.10	-4.17	0.10	4.55
Turkmenistan	0.54	0.45	0.45	0.45	1.19	1.22	1.33	1.33	0.64	0.55	0.60	0.60	0.00	0.00	0.05	9.09
India	7.86	8.65	8.00	8.00	0.59	0.59	0.56	0.56	4.60	5.06	4.45	4.45	0.00	0.00	-0.61	-12.12
Pakistan	2.65	3.00	3.00	3.00	1.03	0.99	1.00	1.00	2.72	2.97	3.01	3.01	0.00	0.00	0.04	1.25
Brazil	1.22	1.13	1.13	1.13	0.79	0.55	0.63	0.63	0.96	0.62	0.71	0.71	0.00	0.00	0.09	14.81
Turkey	0.58	0.74	0.71	0.71	1.60	1.70	1.71	1.71	0.93	1.26	1.22	1.22	0.00	0.00	-0.05	-3.72
African Franc Zone	1.45	1.61	1.61	1.61	0.69	0.74	0.73	0.73	1.00	1.19	1.18	1.18	0.00	0.00	-0.01	-0.84
Australia	0.22	0.30	0.38	0.38	2.14	1.87	1.99	1.99	0.47	0.56	0.76	0.76	0.00	0.00	0.20	34.82
Egypt	0.31	0.31	0.38	0.38	1.38	1.27	1.32	1.32	0.42	0.39	0.50	0.50	0.00	0.00	0.11	28.72
Argentina	0.70	0.94	0.90	0.90	0.86	0.74	0.84	0.84	0.60	0.69	0.75	0.75	0.00	0.00	0.06	8.36
Paraguay	0.32	0.31	0.27	0.27	0.75	0.59	0.68	0.68	0.24	0.18	0.18	0.18	0.00	0.00	0.00	0.00
Greece	0.38	0.44	0.43	0.43	1.51	1.52	1.45	1.45	0.58	0.67	0.63	0.63	0.00	0.00	-0.05	-6.72
Syria	0.18	0.20	0.22	0.22	2.08	2.19	2.05	2.05	0.38	0.43	0.44	0.44	0.00	0.00	0.01	2.80
Mexico	0.15	0.24	0.28	0.28	1.43	1.53	1.52	1.52	0.21	0.37	0.43	0.43	0.00	0.00	0.06	15.14
Colombia	0.08	0.11	0.13	0.13	1.23	1.25	1.23	1.23	0.10	0.14	0.16	0.16	0.00	0.00	0.02	14.29
Sudan	0.17	0.22	0.24	0.24	1.16	1.13	1.13	1.13	0.20	0.25	0.27	0.27	0.00	0.00	0.02	9.24
Others	10.04	11.26	10.71	10.70	0.59	0.59	0.58	0.58	5.91	6.67	6.18	6.16	-0.02	-0.24	-0.51	-7.59



**TABLE 14**

**Peanut Area, Yield, and Production**

**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	MMT	Percent	MMT	Percent
World	19.61	19.49	19.87	19.87	1.34	1.33	1.33	1.33	26.28	25.94	26.45	26.35	-0.10	-0.38	0.41	1.59
United States	0.66	0.61	0.58	0.57	2.94	2.56	2.80	2.65	1.93	1.57	1.62	1.52	-0.10	-6.65	-0.05	-3.31
Total Foreign	18.96	18.88	19.29	19.29	1.28	1.29	1.29	1.29	24.35	24.37	24.83	24.83	0.00	0.00	0.46	1.90
China	3.78	3.81	3.80	3.80	2.56	2.68	2.58	2.58	9.68	10.20	9.80	9.80	0.00	0.00	-0.40	-3.92
India	7.92	7.80	8.20	8.20	1.04	0.95	1.00	1.00	8.26	7.40	8.20	8.20	0.00	0.00	0.80	10.81
Indonesia	0.61	0.62	0.62	0.62	1.44	1.44	1.45	1.45	0.88	0.89	0.90	0.90	0.00	0.00	0.01	1.12
Senegal	0.93	0.89	0.90	0.90	0.77	0.91	0.94	0.94	0.72	0.81	0.85	0.85	0.00	0.00	0.04	4.94
Burma	0.49	0.46	0.46	0.46	0.90	1.08	1.08	1.08	0.45	0.50	0.50	0.50	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.71	0.73	0.73	0.73	0.39	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Zaire	0.53	0.53	0.53	0.53	0.72	0.72	0.72	0.72	0.38	0.38	0.38	0.38	0.00	0.00	0.00	0.00
Argentina	0.16	0.20	0.20	0.20	1.75	1.75	1.80	1.80	0.28	0.35	0.36	0.36	0.00	0.00	0.01	2.86
Nigeria	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Vietnam	0.20	0.20	0.20	0.20	1.36	1.25	1.25	1.25	0.27	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Rep. of South Africa	0.11	0.14	0.14	0.14	0.98	1.48	1.48	1.48	0.11	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Thailand	0.13	0.13	0.13	0.13	1.32	1.31	1.31	1.31	0.17	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Burkina Faso	0.23	0.23	0.23	0.23	0.70	0.70	0.70	0.70	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Brazil	0.09	0.09	0.09	0.09	1.67	1.67	1.67	1.67	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Central African Rep.	0.13	0.13	0.13	0.13	1.12	1.12	1.12	1.12	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Cameroon	0.32	0.32	0.32	0.32	0.44	0.44	0.44	0.44	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.15	0.15	0.15	0.15	0.98	0.98	0.98	0.98	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Mexico	0.06	0.07	0.07	0.07	1.27	1.26	1.14	1.14	0.08	0.08	0.08	0.08	0.00	0.00	-0.00	-2.44
Gambia	0.10	0.10	0.10	0.10	1.11	1.22	1.21	1.21	0.11	0.12	0.12	0.12	0.00	0.00	-0.00	-0.86
Others	1.98	1.97	1.98	1.98	0.81	0.83	0.83	0.83	1.60	1.63	1.64	1.64	0.00	0.00	0.01	0.43

**TABLE 15**  
**Sunflowerseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	MMT	Percent	MMT	Percent
World	18.97	20.63	19.52	19.50	1.24	1.25	1.26	1.19	23.50	25.78	24.58	23.25	-1.33	-5.71	-2.53	-9.82
United States	1.39	1.36	1.09	1.09	1.58	1.33	1.42	1.38	2.19	1.82	1.54	1.50	-0.05	-3.14	-0.32	-17.67
Total Foreign	17.58	19.27	18.43	18.41	1.21	1.24	1.25	1.18	21.31	23.97	23.03	21.75	-1.28	-5.88	-2.21	-9.23
FSU-12	5.30	6.56	6.38	6.38	0.82	1.13	1.10	0.90	4.37	7.38	7.01	5.71	-1.30	-22.75	-1.67	-22.60
Russia	3.11	4.10	4.00	4.00	0.82	1.02	0.98	0.85	2.55	4.20	3.90	3.40	-0.50	-14.71	-0.80	-19.05
Ukraine	1.78	2.00	1.90	1.90	0.88	1.43	1.47	1.05	1.57	2.85	2.80	2.00	-0.80	-40.00	-0.85	-29.82
Argentina	2.80	3.20	2.50	2.50	2.11	1.75	1.80	1.80	5.90	5.60	4.50	4.50	0.00	0.00	-1.10	-19.64
European Union	2.85	2.38	2.29	2.29	1.41	1.36	1.59	1.59	4.03	3.23	3.65	3.65	0.00	0.00	0.42	12.83
France	1.03	0.98	0.90	0.90	2.00	1.95	2.00	2.00	2.05	1.90	1.80	1.80	0.00	0.00	-0.10	-5.26
Spain	1.24	0.98	1.00	1.00	0.79	0.59	1.10	1.10	0.98	0.58	1.10	1.10	0.00	0.00	0.53	91.30
Italy	0.22	0.25	0.23	0.23	2.30	2.00	2.26	2.26	0.50	0.50	0.52	0.52	0.00	0.00	0.02	4.84
Eastern Europe	1.69	1.93	2.07	2.05	1.44	1.39	1.36	1.38	2.43	2.69	2.81	2.83	0.02	0.71	0.14	5.05
Hungary	0.41	0.49	0.50	0.50	1.61	1.43	1.54	1.54	0.67	0.70	0.77	0.77	0.00	0.00	0.07	10.00
Romania	0.58	0.72	0.85	0.85	1.32	1.30	1.18	1.29	0.77	0.93	1.00	1.10	0.10	9.09	0.17	17.90
Yugoslavia	0.16	0.17	0.18	0.18	1.93	1.74	1.89	1.89	0.31	0.30	0.34	0.34	0.00	0.00	0.04	14.86
Bulgaria	0.49	0.49	0.47	0.45	1.23	1.33	1.19	1.09	0.60	0.65	0.56	0.49	-0.07	-14.29	-0.16	-24.62
Czech Republic	0.02	0.02	0.02	0.02	2.38	1.79	1.90	1.90	0.04	0.03	0.04	0.04	0.00	0.00	0.01	17.65
China	0.80	0.78	0.80	0.80	1.88	1.81	1.78	1.78	1.50	1.40	1.43	1.43	0.00	0.00	0.02	1.79
India	1.97	2.17	2.20	2.20	0.61	0.65	0.68	0.68	1.20	1.40	1.50	1.50	0.00	0.00	0.10	7.14
Turkey	0.55	0.60	0.55	0.55	1.09	1.17	1.20	1.20	0.60	0.70	0.66	0.66	0.00	0.00	-0.04	-5.71
Rep. of South Africa	0.54	0.61	0.50	0.50	0.83	1.10	1.05	1.05	0.45	0.67	0.53	0.53	0.00	0.00	-0.15	-21.64
Australia	0.14	0.07	0.14	0.14	0.95	1.22	1.00	1.00	0.13	0.09	0.14	0.14	0.00	0.00	0.05	57.30
Burma	0.18	0.15	0.15	0.15	0.60	0.73	0.73	0.73	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Others	0.76	0.83	0.86	0.86	0.77	0.83	0.82	0.82	0.58	0.69	0.70	0.70	0.00	0.00	0.01	2.04



**TABLE 16**  
**Rapeseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From last month		From last year	
	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	1994/95	1995/96	July	Aug	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	22.73	24.12	21.81	21.74	1.33	1.43	1.38	1.37	30.28	34.58	30.07	29.82	-0.25	-0.86	-4.76	-13.77
United States	0.14	0.17	0.15	0.15	1.49	1.44	1.44	1.44	0.21	0.25	0.22	0.22	0.00	0.00	-0.03	-13.60
Total Foreign	22.59	23.94	21.66	21.59	1.33	1.43	1.38	1.37	30.07	34.33	29.86	29.60	-0.25	-0.86	-4.73	-13.77
India	6.23	6.40	6.30	6.30	0.94	0.97	0.95	0.95	5.88	6.20	6.00	6.00	0.00	0.00	-0.20	-3.23
China	5.78	6.89	6.80	6.80	1.30	1.41	1.32	1.32	7.49	9.74	9.00	9.00	0.00	0.00	-0.74	-7.63
Canada	5.76	5.27	3.70	3.70	1.26	1.22	1.27	1.27	7.23	6.44	4.70	4.70	0.00	0.00	-1.74	-26.97
European Union	2.80	2.84	2.59	2.61	2.50	2.92	2.77	2.79	6.99	8.30	7.18	7.28	0.10	1.37	-1.01	-12.21
France	0.71	0.85	0.85	0.87	2.55	3.20	2.94	2.99	1.80	2.70	2.50	2.60	0.10	3.85	-0.10	-3.70
Germany	1.07	0.99	0.90	0.90	2.66	3.17	2.89	2.89	2.84	3.13	2.60	2.60	0.00	0.00	-0.53	-16.85
United Kingdom	0.50	0.45	0.38	0.38	2.61	2.99	2.89	2.89	1.30	1.33	1.10	1.10	0.00	0.00	-0.23	-17.29
Denmark	0.17	0.15	0.10	0.10	2.18	2.13	2.37	2.37	0.37	0.32	0.23	0.23	0.00	0.00	-0.10	-30.56
Sweden	0.13	0.11	0.08	0.08	1.66	2.05	2.13	2.13	0.21	0.22	0.16	0.16	0.00	0.00	-0.06	-25.58
Eastern Europe	0.65	0.97	0.73	0.65	2.10	2.25	2.14	1.89	1.36	2.19	1.55	1.22	-0.34	-27.50	-0.97	-44.36
Poland	0.37	0.61	0.38	0.30	2.04	2.25	2.11	1.67	0.76	1.36	0.80	0.50	-0.30	-60.00	-0.86	-63.26
Czech Republic	0.19	0.25	0.23	0.23	2.37	2.43	2.29	2.29	0.45	0.61	0.52	0.52	0.00	0.00	-0.10	-15.99
Australia	0.34	0.41	0.40	0.40	0.90	1.59	1.48	1.48	0.31	0.65	0.59	0.59	0.00	0.00	-0.06	-8.53
FSU -- 12	0.28	0.42	0.40	0.39	0.79	0.56	0.62	0.57	0.22	0.23	0.24	0.22	-0.02	-8.97	-0.01	-4.29
Russia	0.15	0.28	0.25	0.25	0.83	0.45	0.52	0.52	0.12	0.13	0.13	0.13	0.00	0.00	0.00	4.00
Pakistan	0.31	0.30	0.30	0.30	0.74	0.75	0.75	0.75	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Bangladesh	0.34	0.34	0.34	0.34	0.71	0.71	0.71	0.71	0.24	0.24	0.24	0.24	0.00	0.00	0.00	0.42
Others	0.11	0.11	0.11	0.11	1.13	1.13	1.13	1.13	0.12	0.12	0.12	0.12	0.00	0.00	-0.00	-0.00

**TABLE 17**  
**Copra, Palm Kernel, and Palm Oil Production**  
**World and Selected Countries and Regions**

Country/Region	Production				Change in Production			
	1994/95	Prel. 1995/96	1996/97 Proj. July	Aug	From last month		From last year	
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.47	5.01	5.14	5.14	0.00	0.00	0.13	2.58
Philippines	2.69	2.10	2.20	2.20	0.00	0.00	0.10	4.76
Indonesia	1.24	1.31	1.30	1.30	0.00	0.00	−0.00	−0.38
India	0.60	0.61	0.64	0.64	0.00	0.00	0.03	4.92
Mexico	0.18	0.22	0.23	0.23	0.00	0.00	0.00	2.27
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Vietnam	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Malaysia	0.02	0.02	0.02	0.02	0.00	0.00	−0.00	−13.04
Others	0.55	0.55	0.55	0.55	0.00	0.00	0.00	0.36
PALM KERNEL								
World	4.54	4.70	4.96	4.96	0.00	0.00	0.26	5.51
Malaysia	2.37	2.43	2.60	2.60	0.00	0.00	0.17	7.00
Indonesia	1.10	1.18	1.25	1.25	0.00	0.00	0.08	6.38
Nigeria	0.28	0.27	0.27	0.27	0.00	0.00	−0.01	−1.85
Cote d'Ivoire	0.06	0.06	0.07	0.07	0.00	0.00	0.00	3.17
Colombia	0.07	0.08	0.08	0.08	0.00	0.00	0.00	2.63
Thailand	0.07	0.09	0.10	0.10	0.00	0.00	0.01	10.47
Zaire	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Ecuador	0.03	0.04	0.04	0.04	0.00	0.00	0.00	11.11
Others	0.53	0.53	0.54	0.54	0.00	0.00	0.00	0.38
PALM OIL								
World	14.75	15.47	16.17	16.17	0.00	0.00	0.69	4.49
Malaysia	7.77	8.10	8.40	8.40	0.00	0.00	0.30	3.70
Indonesia	4.20	4.45	4.75	4.75	0.00	0.00	0.30	6.74
Nigeria	0.60	0.59	0.58	0.58	0.00	0.00	−0.01	−1.69
Cote d'Ivoire	0.29	0.30	0.31	0.31	0.00	0.00	0.01	3.33
Colombia	0.37	0.40	0.40	0.40	0.00	0.00	0.01	2.03
Thailand	0.30	0.37	0.41	0.41	0.00	0.00	0.04	10.81
Zaire	0.11	0.11	0.12	0.12	0.00	0.00	0.00	2.68
Ecuador	0.19	0.22	0.25	0.25	0.00	0.00	0.03	13.64
Others	0.92	0.94	0.95	0.95	0.00	0.00	0.01	1.49

August 1996

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 18**  
**Cotton Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		Prel.		1996/97 Proj.		From Last Month		From Last Year	
	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	1994/95	1995/96	July	Aug.	MBales	Percent	MBales	Percent
	Million hectares				Kilograms per hectare				Million 480 lb. bales				MBales	Percent	MBales	Percent
World	32.14	35.37	33.53	33.23	579	560	578	579	85.54	90.94	88.99	88.35	-0.64	-0.72	-2.59	-2.85
United States	5.39	6.48	5.55	5.26	794	602	745	769	19.66	17.90	19.00	18.58	-0.42	-2.23	0.68	3.78
Total Foreign	26.75	28.90	27.98	27.97	536	550	545	543	65.87	73.04	69.99	69.77	-0.21	-0.31	-3.27	-4.48
Major Exporters	15.86	16.56	16.16	16.16	664	692	686	683	48.38	52.65	50.91	50.71	-0.20	-0.39	-1.94	-3.69
China	5.53	5.42	5.00	5.00	784	879	827	827	19.90	21.90	19.00	19.00	0.00	0.00	-2.90	-13.24
Pakistan	2.65	3.00	3.00	3.00	514	588	595	595	6.25	8.10	8.20	8.20	0.00	0.00	0.10	1.23
Sudan	0.17	0.22	0.24	0.24	501	485	499	499	0.40	0.49	0.55	0.55	0.00	0.00	0.06	12.24
Turkey	0.58	0.74	0.71	0.71	1080	1128	1135	1135	2.89	3.84	3.70	3.70	0.00	0.00	-0.14	-3.72
FSU-12	2.71	2.57	2.55	2.55	706	699	684	667	8.78	8.26	8.00	7.80	-0.20	-2.50	-0.46	-5.57
Uzbekistan	1.54	1.50	1.50	1.50	818	833	798	769	5.78	5.74	5.50	5.30	-0.20	-3.64	-0.44	-7.67
Turkmenistan	0.54	0.45	0.45	0.45	648	556	556	556	1.61	1.15	1.15	1.15	0.00	0.00	0.00	0.00
Other	0.63	0.62	0.60	0.60	482	479	494	494	1.39	1.37	1.35	1.35	0.00	0.00	-0.02	-1.46
Egypt	0.31	0.31	0.38	0.38	835	774	802	802	1.17	1.09	1.40	1.40	0.00	0.00	0.31	28.68
African Franc Zone	1.45	1.61	1.61	1.61	399	424	434	434	2.66	3.14	3.21	3.21	0.00	0.00	0.06	1.94
Southern Hemisphere	2.46	2.68	2.68	2.68	561	473	557	557	6.34	5.83	6.85	6.85	0.00	0.00	1.03	17.60
Argentina	0.70	0.94	0.90	0.90	500	417	472	472	1.61	1.80	1.95	1.95	0.00	0.00	0.15	8.33
Australia	0.22	0.30	0.38	0.38	1509	1325	1404	1404	1.54	1.83	2.45	2.45	0.00	0.00	0.63	34.25
Brazil	1.22	1.13	1.13	1.13	451	328	376	376	2.53	1.70	1.95	1.95	0.00	0.00	0.25	14.71
Paraguay	0.32	0.31	0.27	0.27	453	351	403	403	0.67	0.50	0.50	0.50	0.00	0.00	0.00	0.00
Major Importers	0.47	0.53	0.58	0.58	948	954	913	913	2.06	2.34	2.41	2.41	0.00	0.00	0.07	3.21
Other Foreign	10.42	11.81	11.24	11.23	323	333	323	323	15.44	18.06	16.67	16.66	-0.01	-0.09	-1.40	-7.75
India	7.86	8.65	8.00	8.00	300	300	286	286	10.81	11.90	10.50	10.50	0.00	0.00	-1.40	-11.76
Others	2.56	3.16	3.24	3.23	393	425	415	415	4.62	6.16	6.17	6.16	-0.01	-0.24	0.00	0.00

August 1996

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 19

The table below presents a 15-year record of the difference between the August projections and the final estimates. Using world wheat production as an example, changes between the August projection and the final estimate have averaged 13.1 million tons (2.5 percent) and ranged from -32.1 to 19.5 million tons. The August projection has been below the final 7 times and above the final 8 times.

### RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 – 1995/96 1/						
	Difference		Lowest	Highest	Below Final	Above Final	
	Average	Average	Difference				
	Percent	--- Million metric tons ---				Number of years 2/	
<b>WHEAT</b>							
World	2.5	13.1	-32.1	19.5	7	8	
U.S.	2.2	1.4	-3.4	4.2	6	9	
Foreign	2.8	12.4	-31.1	17.8	7	8	
<b>COARSE GRAINS 3/</b>							
World	1.8	14.4	-39.4	26.9	10	5	
U.S.	6.1	12.4	-21.8	31.4	10	5	
Foreign	1.6	9.4	-21.5	13.8	7	8	
<b>RICE (Milled)</b>							
World	2.4	7.7	-24.4	3.5	11	4	
U.S.	5.4	0.3	-0.6	0.4	9	6	
Foreign	2.4	7.8	-24.7	3.8	11	4	
<b>SOYBEANS</b>							
World	3.1	3.3	-8.7	5.0	8	7	
U.S.	5.1	2.7	-6.4	5.7	7	8	
Foreign	5.7	2.7	-6.0	6.1	7	8	
			--- Million 480-lb. bales ---				
<b>COTTON</b>							
World	4.1	3.3	-11.1	10.5	7	8	
U.S.	6.2	0.9	-1.9	3.9	9	5	
Foreign	4.5	3.1	-10.7	10.2	6	8	
<b>UNITED STATES</b>			----- Million bushels -----				
<b>CORN</b>	6.6	443	-889	1,079	9	6	
<b>SORGHUM</b>	6.7	44	-82	83	9	6	
<b>BARLEY</b>	5.0	23	-63	67	6	9	
<b>OATS</b>	6.9	21	-26	57	5	10	

1/ The final estimate for 1981/82–1994/95 is defined as the first November estimate following the marketing year.

2/ May not total 15 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.



# WORLD AGRICULTURAL WEATHER HIGHLIGHTS

August 12, 1996



### 1 - CANADA

Prairie crop development continues to lag the normal pace, due to frequent periods of cool weather in July that sustained lower-than-normal growth rates. A recent warming trend aided development of reproductive to filling grains and oilseeds but exacerbated moisture losses in the southwest. This season's crops face a higher than usual risk of potential damage from an early freeze.

### 2 - UNITED STATES

Unseasonably cool weather in July in the Corn Belt along with timely rainfall favored corn and soybeans. However, crop development fell further behind normal in the eastern Corn Belt due to continued cool weather. Drought continued to intensify over the southern two-thirds of Texas. Heavy rains and high winds from Hurricane Bertha caused some damage to crops along North Carolina's coast, but brought much needed rain to the Southeast. Warm, dry weather allowed early winter wheat harvesting in the Pacific Northwest. Below-normal rainfall in July in parts of the northern Plains caused a decline in spring wheat conditions.

### 3 - SOUTH AMERICA

Below-normal July rainfall prevailed throughout most of central Argentina, but early August rain favored vegetative wheat. In southern Brazil, near normal rainfall aided wheat in southeastern crop areas, but rain is needed in the northern wheat areas (Parana and Mato Grosso do Sul).

*(More details are available in the Weekly Weather and Crop Bulletin. Subscription information may be obtained by calling (202) 720-7917.)*

### 4 - EUROPE

Below-normal precipitation in July in France, England, northern Germany, Romania, Bulgaria, and southeastern former Yugoslavia favored winter grain maturation and harvesting but limited moisture for summer crop development. Near- to above-normal rainfall over southern Germany, Poland, the Czech Republic, Slovakia, and Hungary provided adequate moisture for spring grains and summer crops.

### 5 - FSU-WESTERN

Persistent hot, dry weather in major summer crop producing areas of Ukraine and southern Russia adversely affected crop development. However, the dryness favored winter wheat harvesting.

### 6 - FSU - NEW LANDS

In Russia, hot, dry weather stressed spring grain development in southern Urals while frequent showers and warm weather favored crops in northern Urals and Western Siberia. In Kazakhstan, unfavorable heat and persistent dryness adversely affected spring grains in the west while timely rains favored crop development in north-central areas.

### 7 - EASTERN ASIA

Excessive rain continued through mid-July in east-central China, exacerbating flooding and delaying late rice planting. Near- to above-normal July rainfall favored vegetative to reproductive summer crops across the North China Plain and Manchuria. Excessive rain and flooding occurred in southwestern North Korea and extreme northern South Korea.

### 8 - SOUTH ASIA

Widespread, locally heavy monsoon rains kept most summer crop areas well watered, with earliest planted crops currently in or nearing reproduction. Some flooding was likely in eastern rice areas, as well as the heart of the soybean belt where earlier dryness had delayed planting. A drying trend continued over sections of India's southern interior.

### 9 - SOUTHEAST ASIA

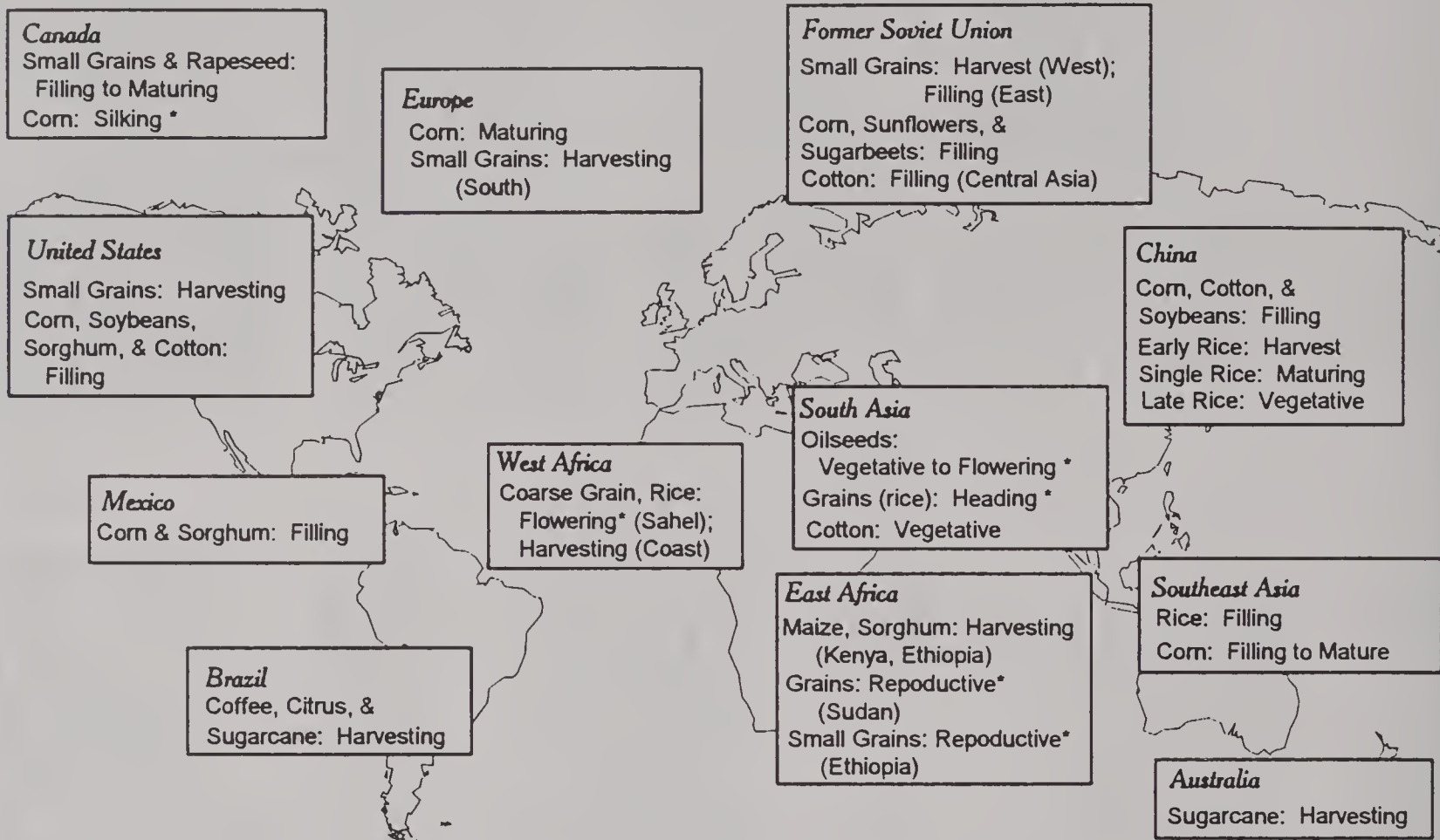
Below normal July rainfall in central and eastern Thailand reduced moisture for grains and sugarcane. A couple of typhoons passed near the Philippines during late July and early August, helping to alleviate July dryness across the country. Near-normal July rainfall favored oil palm across peninsular Malaysia, second-season rice in Java, and rice in Vietnam.

### 10 - AUSTRALIA

Beneficial, frequent rain improved winter grain prospects throughout the west and southeast. Infrequent but timely rain aided winter grains in Queensland and northern New South Wales, and brought some relief to eastern Australia's western pastures and grazing land. Sugarcane harvesting was underway. Throughout Australia, seasonal warming typically occurs during August, with northern grains, especially barley, reaching the heading stage by month's end.

# August normal crop calendar

## Summer crops



## Winter crops



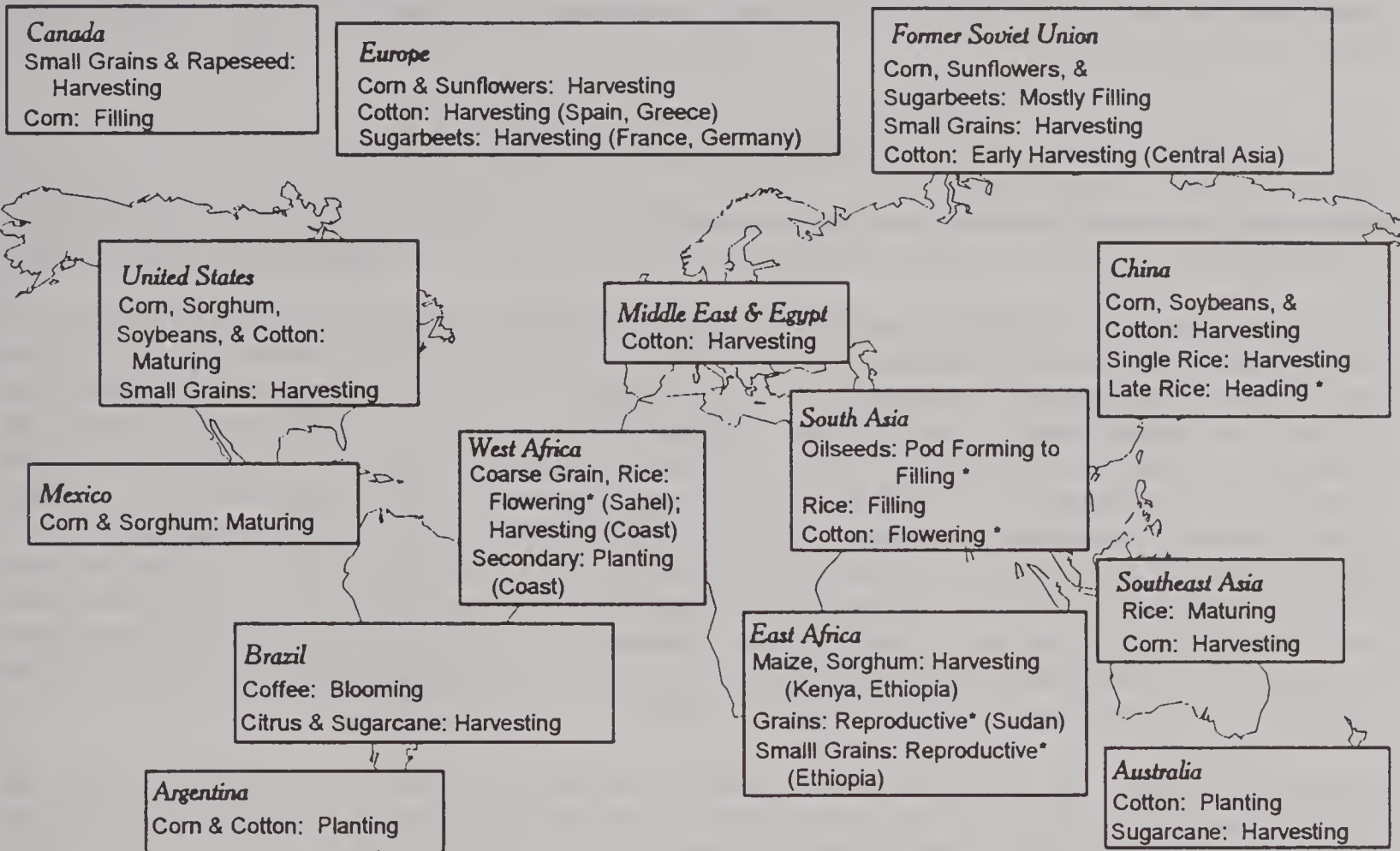
\* Moisture / Temperature Sensitive Stage of Development

JOINT AGRICULTURAL WEATHER FACILITY (NOAA/USDA)

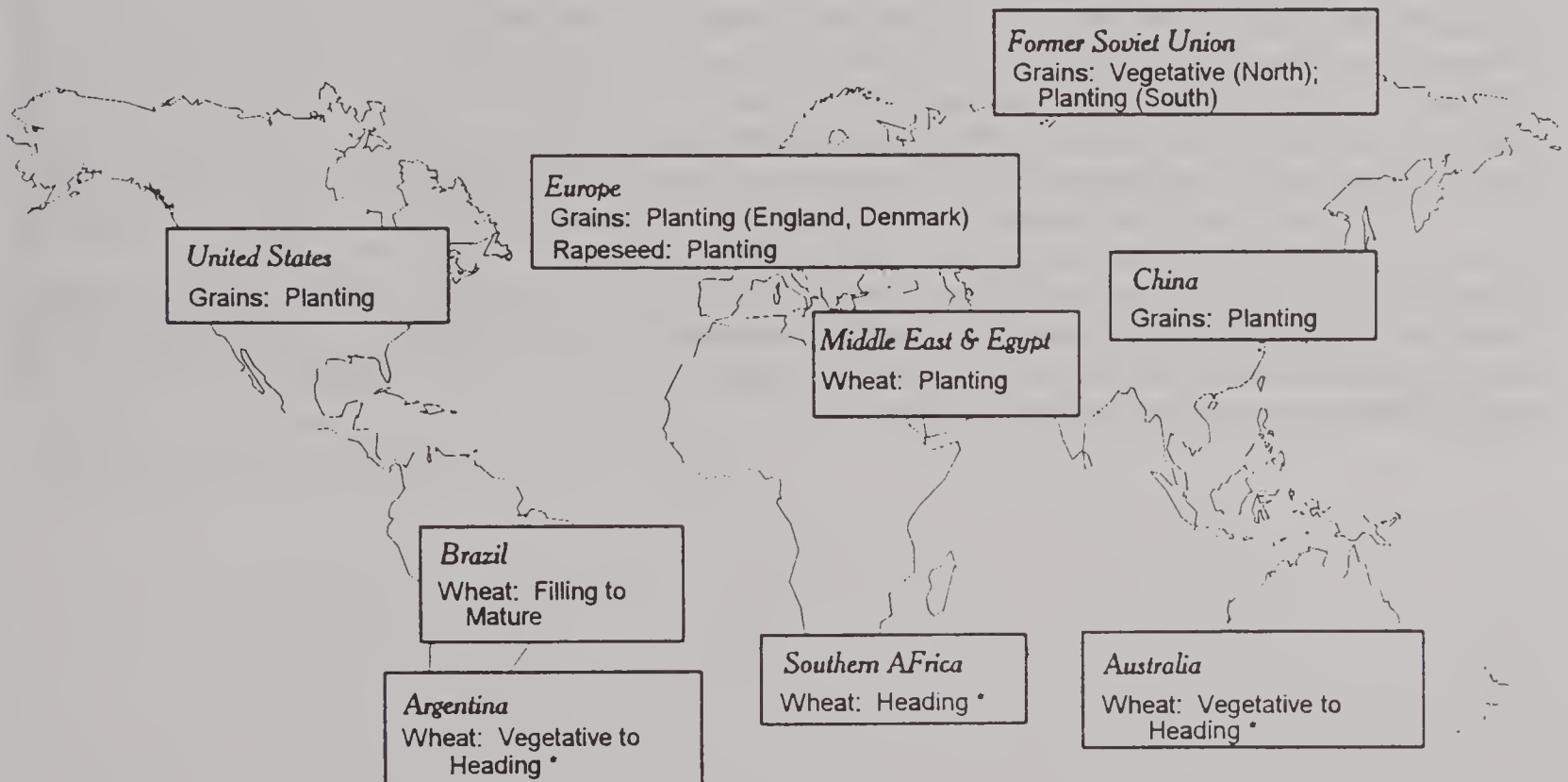


# September normal crop calendar

## Summer crops



## Winter crops



\* Moisture / Temperature Sensitive Stage of Development

JOINT AGRICULTURAL WEATHER FACILITY (NOAA/USDA)

## WEATHER BRIEFS

### KOREAN PENINSULA: PERSISTENT RAINFALL

During June 1996, most of North and South Korea received more than 200 percent of normal rainfall, at the time this rain was considered beneficial. However, rainfall continued well above normal during July, resulting in flooding and possible crop damage. During July 14 through August 3, rainfall was particularly excessive across southwest North Korea and northwest South Korea. Weekly amounts ranged from 40 - 375 millimeters. Last year, during July and August, northwest North Korea was hit by flooding which caused significant crop losses.

### CHINA: JULY FLOOD SUMMARY

The following is a summary of an article on East Asia flooding which appeared in the August 6, 1996 issue of the Weekly Weather and Crop Bulletin, published by the NOAA/USDA Joint Agricultural Weather Facility.

From late June through mid-July, excessive rainfall covered China's central and lower Yangtze Valley. The resulting floods in the Yangtze Valley disrupted early double-crop rice harvesting and late double-crop rice planting. Some early-crop rice production was probably lost. However, this production can possibly be recovered with additional late-crop rice plantings. Single-crop rice and cotton were likely affected since the crops were well established and not near maturity. Similar amounts of rain fell in 1991 during the same late June through mid-July period, but most of that rain occurred in two weeks rather than 4 weeks as in 1996. A second episode of extreme rainfall began in mid-July across Shandong Province. This rain peaked on July 28 before weakening and shifting northward into Manchuria. During the last week of July and the first days of August, Typhoons Gloria and Herb spread heavy rains across Taiwan, and from Fujian northward into Hubei. Taiwan and Fujian had been experiencing below normal rainfall prior to the typhoons, and therefore had capacity to absorb some of the heavy runoff. However, the additional rainfall on Hubei and the adjoining provinces compounded already soggy conditions.

Through early August, the 1996 East Asian monsoon has tended to stall frequently during its usual northward migration, leading to periods of regionally heavy and locally excessive rainfall. Typically, the monsoon begins along the south coast of China around May 10 before jumping northward to the Yangtze Valley in June. While over the Yangtze Valley, the monsoon then interacts with cold fronts in the westerlies to the north, bringing seasonably heavy rains to the Yangtze Valley. As July begins, this band of rain shifts northward as the monsoon becomes fully established, spreading rainfall into northern China, Manchuria, and the Korean Peninsula from late July into August. This season, however, the monsoon was slow to move northward from late June through mid-July, often held in check by a series of cold fronts dropping southward out of Siberia. These fronts stalled in the vicinity of the Yangtze, becoming the foci of persistent, heavy rains. A subtropical high pressure system that normally develops over the western Pacific Ocean early in July was forced east of its usual position. High pressure finally extended westward into China by July 22, ending the wet spell in the Yangtze Valley. However, this pattern continued to favor the stalling of fronts, this time over the Korean Peninsula, northern China, and Manchuria, leading to periods of excessive rains in portions of these areas. With the subtropical high in place over the East China Sea by late July, the prevailing southeasterly winds directed Typhoons Gloria and Herb first over Taiwan and then onto the Chinese mainland in Fujian Province.



## PRODUCTION BRIEFS

### KOREA: ONION PRODUCTION DECLINE LEADS TO SHORTFALL

South Korea's 1996 onion crop is estimated at 570,000 tons, down 41 percent from 1995 and 50,000 tons short of average annual consumption, according to the U.S. agricultural counselor in Seoul. A bumper harvest in 1995 led to depressed prices and resulted in farmers cutting 1996 planted area 39 percent. In addition, cooler, drier weather during the winter delayed the early and mid-season harvests, while unusually hot weather in late-May hastened the late-season harvest.

Onion production is centered in the southern part of the Korean peninsula, including the island province of Cheju. Onions are harvested during three different periods: early-season onions are lifted from April through mid-May; mid-harvest onions from late-May to mid-June; the last and largest harvest occurs from June through July. Onions are then marketed from temporary storage until October, after which supplies are drawn from cold storage.

### KOREA: ONION AREA, YIELD, AND PRODUCTION

<u>Year</u>	<u>Area Planted</u> (Hectares)	<u>Yield</u> MT/Hectare	<u>Production</u> (Metric tons)
1992	14,066	57.6	809,788
1993	9,716	57.2	556,032
1994	9,674	55.9	541,179
1995	15,800	61.7	975,000
1996 <u>1/</u>	9,600	59.4	570,000

1/ Preliminary.

### NICARAGUA: COFFEE OUTPUT REVISED DOWNWARD DUE TO RAINS

Nicaragua's 1996/97 coffee production forecast has been revised downward, to 680,000 bags, by the U. S. agricultural attache reporting from San Jose. This is 15 percent below the preliminary forecast of 800,000 bags reported in June 1996 (WAP 6-96) . Additionally, the 1995/96 estimate has been cut 27 percent--from 920,000 bags to 676,000. Despite initial expectations of a large harvest in 1995/96, production was much less than expected because of abnormal rainfall patterns. Ripening was not uniform and some coffee beans were still green when picked. In addition, growers continued to be confronted with expensive financing, deteriorating infrastructure, high input costs, and security concerns.

Coffee producers are still plagued by the spread of coffee rust which has affected more than 20 percent of Nicaragua's coffee trees. Rust has existed in Nicaragua since the seventies, but the disease was considered under control until the costs associated with the appropriate control measures began to skyrocket. As a result, farmers were unable to purchase the necessary fungicides; unseasonably wet weather then favored the spread of the fungus.

### NEW ZEALAND: CITRUS SECTOR LOSING GROUND TO IMPORTS

Approximately 706 commercial growers produce 33,300 tons of citrus fruits per year in New Zealand, according to a recent report from the U.S. agricultural attache in Wellington. Area planted to citrus in 1994/95 is estimated at 2,083 hectares, of which 1,300 hectares are considered commercial production and the remainder non-commercial. The area breakdown between citrus varieties is estimated in the following table.

#### NEW ZEALAND: AREA PLANTED TO CITRUS (Hectares)

	<u>1992/93</u>	<u>1993/94</u>	<u>1994/95</u>
Grapefruit	167	156	117
Lemons	334	283	263
Mandarins	544	533	619
Oranges	826	760	789
Tangelos	406	357	295
Total	2,277	2,089	2,083

There are three main citrus growing regions in New Zealand: the warm areas of the Bay of Plenty, Northland, and Gisborne. Oranges have been the most widely planted citrus crop for the past 15 years. Navels and Valencias are the two major types of oranges grown commercially in New Zealand. Navel oranges, the predominant type, are thick-skinned and difficult to peel -- a result of New Zealand's climate. However, the flavorful fruit is popular with local consumers. Production of Valencia oranges has always been marginal in New Zealand, ideally requiring more heat to hasten maturity. New Zealand Valencias tend to have problems achieving good size and color. The main citrus commodities grown in New Zealand, by season, are as follows:

#### NEW ZEALAND: CITRUS COMMODITIES BY VARIETY AND SEASON

<u>Commodity</u>	<u>Variety/Type</u>	<u>Harvest Season</u>
Mandarins	Satsuma	May-July
	Clementine	June-August
	Encore	August-September
	Richards Special	August-September
Oranges	Navel	July-October
	Valencia	November-February
Grapefruit	N.Z. grapefruit	May-January
	Wheeny grapefruit	November-February
Lemons	Villa Franca	year round, main harvest April-November
	Meyer	year round, main harvest April-August
	Yen Ben	year round, main harvest April-August

With the opening up of New Zealand to fruit imports and the Closer Economic Relations Trade Agreement (CER) with Australia some years ago, there has been a huge increase in orange imports, even during the domestic growing season for navel oranges. There are no tariffs associated with citrus produce entering New Zealand. However, phytosanitary requirements must be met. At this time, the development of a United States/New Zealand Import Health Standard is nearing completion. The new standard would create market access for Florida grapefruit and oranges. An Import Health Standard already exists for Californian citrus. This has resulted in a very competitive market.



## UNITED STATES: CROP CONDITIONS AND PROGRESS

Late-planted fields in the Corn Belt were aided by unusually cool July weather that allowed crops to complete the pollination stage without stress from high temperatures. A prolonged heat wave and extremely dry soil conditions stressed crops in the southern Great Plains and Western States. July started with deficient soil moisture conditions except for the Great Lakes region. Row crop development started July behind the average, while cotton development was accelerated by hot, dry weather. Wheat harvest activity started July ahead of normal due to dry weather. Hot, dry weather in the western Corn Belt produced reports of some row-crop fields beginning to show signs of heat stress early in the month. Dry soil conditions in early-July slowed germination of late-planted soybeans in the central Corn Belt and caused shallow root development. Uncontrolled weed growth and uneven corn stands remained in some Midwestern fields from the wet spring conditions. Scattered showers over the Southwest eased drought and improved pasture conditions early in the month. Cotton development was accelerated across the Southern States by the hot weather, but dry soil conditions lowered condition ratings. In Texas, some marginal dryland cotton fields were plowed under and replanted to alternative crops.

As dry weather continued in early-July, crop conditions started to decline slightly in the Midwest, but cooler weather and scattered showers slowed the rate of decline. Heavy rains and high winds from Hurricane Bertha damaged crops along North Carolina's coast, but brought rain to the Southeast, restoring soil moisture and reviving drought-stricken crops. Rain in the south-central Great Plains slowed wheat combines as producers approached the end of the harvest season.

Cooler, rainy weather in the central Great Plains lessened dry conditions that had stressed row crops. In the northern Great Plains, weeds and insect problems increased by mid-month. In the western Corn Belt, sunny weather spurred corn growth so much that many fields could not be cultivated due to tall plants. Cool weather over the Midwest boosted soybean condition, but slowed crop growth, leaving many States 1 to 2 weeks behind normal. Some late-planted soybeans in the Corn Belt experienced slow germination and emergence problems due to stress from the continued dry weather.

Mid-July rains over most of the Corn Belt arrived just as pollination was beginning. The precipitation accelerated crop development, but row crops in the Corn Belt remained significantly behind normal due to late-spring plantings. The heavy rains restored soil moisture supplies, but conditions for row crops in the Midwest remained unchanged. The heavy rains caused some localized ponding and flooding in the central Corn Belt. Thunderstorms over the middle Mississippi and Ohio Valleys improved soil moisture ratings, but more precipitation was needed.

In the Southeast, beneficial rains improved row-crop conditions, but hot weather increased moisture needs and some dry pockets remained. In the central Great Plains, damp conditions in Nebraska resulted in excessive weed growth, while farther south, row crops were stressed by hot weather and dry conditions.

Rains in the Central States slowed wheat harvest activity. Warmer weather hastened the maturity of small grains in the Dakotas. Harvest activity in the Pacific Northwest was slowed by rainy weather. Dry conditions caused corn leaves to curl in the Great Lakes region, where producers sprayed for corn borer infestations. In addition, some fields had weed problems due to the wet conditions, limiting cultivation. Summer heat across the South accelerated cotton development and increased problems with cotton bollworms. The middle of July found row crops in mostly good-to-fair condition, despite continued dry weather and slow crop development in the eastern Corn Belt. Insect damage was prevalent in the Southeast and the Midwest.

Continued cool weather in the Corn Belt slowed crop growth toward month's end. Row crop development remained 1 to 2 weeks behind normal. Heavy rains at month's end flooded parts of the northern Corn Belt. Producers remained concerned about uneven corn and soybean stands as insect activity increased. In the Great Lakes region, dry soil conditions curled corn and yellowed soybean leaves. In the Southeast, beneficial rains slowed fieldwork and reports of increased insect counts caused cotton producers to spray earlier than usual. The end of July brought continued hot, dry weather in the Mountain and Pacific Coast

States that stressed the late-seeded crops, but provided ideal conditions for small grain harvesting.

# UNITED STATES: CROP CONDITION AND PROGRESS

The U.S. National Agriculture Statistics Service released the following crop progress report for the week ending August 11, 1996.

## U.S. CROP PROGRESS

	<u>1996</u>	<u>1995</u>	<u>AVERAGE</u>
WINTER WHEAT: % harvested	92	91	92
SPRING WHEAT: % harvested	12	11	16
BARLEY: % harvested	13	11	24
CORN: % silking	88	90	91
COTTON: % setting bolls	96	88	86
COTTON: % bolls opening	11	10	8
SOYBEANS: % blooming	82	84	87
RICE: % headed	80	71	66
RICE: % harvested	12	9	9
OATS: % harvested	46	49	53
SORGHUM: % headed	74	45	61

## U.S. CROP CONDITIONS

	<u>SPRING WHEAT</u> PERCENT		<u>RICE</u> PERCENT		<u>CORN</u> PERCENT	
	<u>1996</u>	<u>1995</u>	<u>1996</u>	<u>1995</u>	<u>1996</u>	<u>1995</u>
EXCELLENT	8	9	18	16	16	14
GOOD	47	51	60	63	48	52
FAIR	35	29	19	19	25	27
POOR	9	8	3	2	8	6
VERY POOR	1	3	0	0	3	1

	<u>COTTON</u> PERCENT		<u>SOYBEANS</u> PERCENT		<u>BARLEY</u> PERCENT	
	<u>1996</u>	<u>1995</u>	<u>1996</u>	<u>1995</u>	<u>1996</u>	<u>1995</u>
EXCELLENT	19	11	11	11	11	NA
GOOD	42	49	47	51	51	NA
FAIR	24	32	31	29	28	NA
POOR	12	7	9	8	9	NA
VERY POOR	3	1	2	1	1	NA

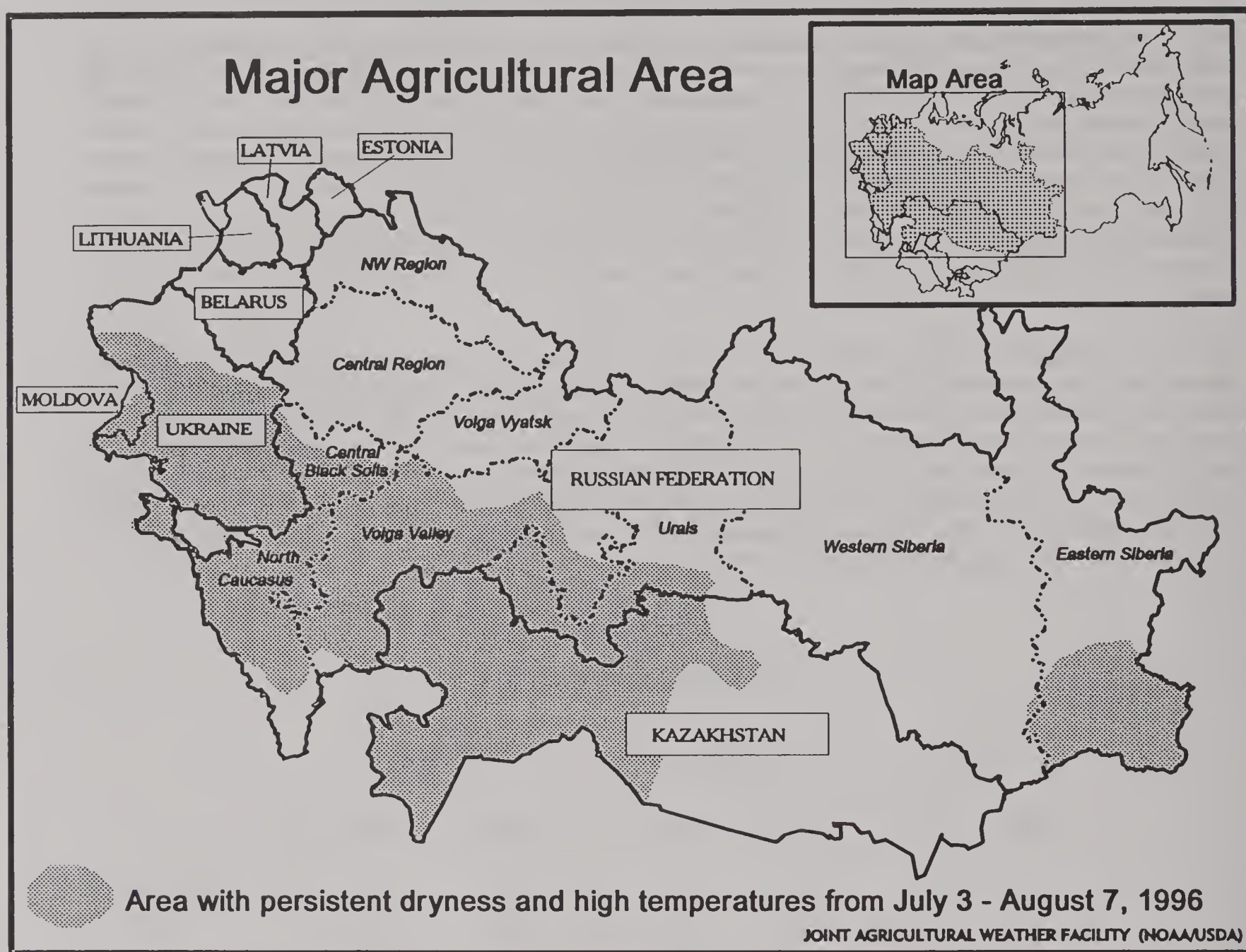


## FORMER SOVIET UNION: WEATHER AND CROP DEVELOPMENTS

In western crop areas, extremely dry conditions in July prevailed over major grain and sunflower producing areas in the eastern two-thirds of Ukraine and southern Russia (North Caucasus, southern Black Soils Region, and the middle and lower Volga Valley). Some locations received less than 10 millimeters during the month. The dryness in these areas was accompanied by a heat wave from July 3-17, adversely affecting crop development. Farther north, unseasonably warm, dry weather prevailed over northern Russia during the first half of July. However, a cool, showery weather pattern began over these areas on about July 17 and continued until month's end, favoring spring grains in the filling stage. Elsewhere, above-normal precipitation fell over Belarus and the Baltics in July, benefiting crop development. From August 1-8, adverse heat returned to drought-stricken areas in eastern Ukraine and southern Russia, further reducing crop prospects. However, the dryness favored winter grain harvesting. On August 8, cooler weather was accompanied by scattered showers over these areas, bringing some relief to drought-stressed crops.

In crop areas east of the Volga Valley, near to above-normal precipitation in July in Russia favored spring grains which advanced through the reproductive phase of development. The exception was in the southern Urals and Eastern Siberia, where below-normal precipitation was accompanied by periodic hot weather. In Kazakhstan, mixed weather prevailed over key spring grain-producing areas. Below-normal precipitation was accompanied by persistent hot weather over western Kazakhstan, including Kustanay oblast, stressing spring grains and accelerating crop development. Central and eastern spring grains areas received frequent showers during the month. Since early-August, an increase in shower activity has been accompanied by cool weather over most of Russia and Kazakhstan.

# FORMER SOVIET UNION



## Highlights: July 12 - August 11, 1996

- o In Russia, continued dry weather and periodic heat over spring grain and summer crop producing areas in North Caucasus, Volga Valley, Black Soils Region, and southern Urals adversely affected crop development. In eastern spring grain areas, showers and cool weather in northern Urals and Western Siberia favored crop development.
- o In Ukraine, continued dry weather and periodic heat in major corn, spring barley, and sunflower producing areas adversely affected crop development.
- o In Kazakhstan, unfavorable weather conditions prevailed over western areas, while crop areas farther east benefited from frequent showers.
- o Recently, cooler weather was accompanied by scattered showers over Ukraine, southern Russia, and western Kazakhstan, bringing some relief to drought-stressed crops.



## FEATURE COMMODITY ARTICLES

### WORLD WHEAT SITUATION

World wheat production for 1996/97 is estimated at 570.6 million tons, up 35.1 million or more than 6.5 percent from last year. Area is estimated at 228.9 million hectares, up 4 percent from 1995/96 and the highest since 231.4 million in 1990/91. The average world yield is estimated at 2.49 tons per hectare, up 2 percent from last season. For 1996/97, wheat production in the European Union, China, and India are estimated at a record level. With the exception of Ukraine and Eastern Europe, most of the other countries are estimated to produce more wheat this year than last year. (See table 3 of this circular for area, yield, and production for individual countries and regions.)

United States: Wheat production for 1996/97 is estimated at 61.2 million tons, up 3 percent from last year. The yield estimate of 2.40 tons per hectare is marginally below last year's level, and 4 percent below the 5-year average of 2.49 tons. Winter wheat production is estimated at 40.7 million tons, down 3 percent from last year. Severe winter and spring weather across the Plains States and Midwest reduced yield and more than offset an increase in harvested area. Spring wheat (including durum) is forecast at 20.5 million tons, 18 percent higher than last year. The rise is attributed to increased area and more favorable yield prospects across the Northern Plains States than last season. As of August 11, the National Agricultural Statistics Service (NASS) reported that winter wheat harvest reached 92 percent of completion in the 19 major producing states, compared with 91 percent in 1995/96, and the 5-year average of 92 percent. Also, NASS reported that 55 percent of the spring wheat was in excellent to good condition; 35 percent fair; and 10 percent poor to very poor in the 5 major producing spring wheat states. As of the same date last year, 60 percent of the spring wheat was in excellent to good condition; 29 percent fair; and 11 percent poor to very poor.

Canada: Wheat production for 1996/97 is estimated at 29.0 million tons, up 14 percent from last year. High international prices for wheat and rotational requirements for rapeseed

are credited with increasing wheat area to an estimated 12.9 million hectares, up 15 percent from 1995/96. A cool, wet spring across the Prairie Provinces delayed planting. The development of much of the wheat crop is one to two weeks behind normal. Current conditions point to a large crop but weather in late August and September will be critical in determining the final yields. In Ontario, winter wheat yield is expected to be down sharply due to extremely cold temperatures this past winter that resulted in winterkill. Also, the crop was reportedly damaged by extensive disease problems as it neared maturity. Production in Ontario reportedly could be only 0.7 million tons compared to 1.4 million tons in 1995/96.

European Union (EU): Production for 1996/97 is forecast at a record 93.8 million tons, 9 percent above last season's 86.2 million-ton crop. Yields are projected to be 5.47 tons per hectare, an increase of 2 percent over last year. Harvested area is forecast up 6 percent from a year ago due to a reduction in area set-aside requirements and strong world prices. The largest production increases are in France and Spain, up 1.6 and 3.5 million tons, respectively. The increase in France is due to the reduction in set-aside requirements and strong world prices while most of the increase in Spain reflects recovery from the drought of the last several seasons. Harvest reports from France indicate that yields are highly variable. Lower-than-normal precipitation across northern France caused moisture stress and limited yield potential. Production in the United Kingdom is estimated up 1 percent to 14.5 million tons, but yields likely will drop after last year's excellent growing conditions and ideal harvest weather. As Germany approaches the wheat harvest, crop conditions have been described as average to above average. Production is estimated at 18.5 million tons, up 4 percent from 1995/96 based on higher area and yield. In percentage terms, wheat production will rise the most in Sweden, up 37 percent largely because of reduced government support for rapeseed and high wheat prices.

Australia: Wheat production in 1996/97 is

forecast at 17.5 million tons, up 5 percent from last year. Harvested area is estimated to increase 7 percent from last year as lands devoted to sheep pasture and less profitable grain, oilseed, and legume crops are reduced. Yield prospects are average, as large portions of the national crop were sown after the prime planting date. Also, intermittent dryness has affected early crop prospects in Western Australia and South Australia. A series of recent storms has brought needed moisture to Western Australia, Victoria, New South Wales, and Queensland, thus setting a favorable stage for widespread crop establishment and tillering.

India: Wheat production during 1996/97 is estimated at a record 66.0 million tons, up 1 percent from last year. Harvested area is estimated to have declined 1 percent from last year, as a marginal shift to rapeseed cultivation occurred. Wheat yield, however, reached record levels following unusually beneficial winter rainfall in both irrigated and rainfed growing regions. The 1996/97 crop was harvested in April/May.

Argentina: Wheat production for 1996/97 is forecast at 14.0 million tons, up 63 percent from last year. Harvested area is forecast at 6.5 million hectares, up 44 percent from last year's drought-reduced area. Producers increased wheat area in response to high international prices. Rainfall has been below normal through the main June to July sowing period. However, this year's planting weather was much more favorable compared to the 5-month drought which adversely affected sowing for the 1995/96 crop. Yield is forecast at 2.15 tons per hectare, slightly above the 5-year average of 2.12. Harvesting begins in late November in the northern regions and proceeds south through January.

China: The 1996/97 wheat crop for the world's largest wheat producer is estimated at a record 107.0 million tons, up 5 percent from last year. Encouraged by high procurement prices, farmers increased wheat area by an estimated 0.7 million hectares, to 29.5 million, and yields are projected to reach a record 3.63 tons per hectare. Winter wheat, which accounts for about 90 percent of total wheat production, was planted under very favorable moisture conditions in the fall of 1995. The weather in the spring and early summer was mostly beneficial and few problems with pests were reported. Higher wheat production is

projected in several provinces in 1996, including Hubei, Zhejiang, Anhui, Jiangsu, Henan, Shaanxi, Shanxi, and Gansu. The State Statistical Bureau reported that China's summer grain output (of which 86 to 88 percent is winter wheat) reached 110.0 million tons in 1996, up 3.5 million from last year and more than 1.5 million above the previous record set in 1993. Spring wheat, grown primarily north and west of the Great Wall, enjoyed favorable weather this year, although rain in late July and early August in some areas may have delayed harvesting and hurt quality. Spring wheat yield is projected to be higher than last year's drought-reduced crop. (See the China Weather Brief on page 32 of this circular.)

Russia: Wheat production is forecast at 37.0 million tons, up 6.9 million or 23 percent from last year. Despite a 1.5-million hectare drop in Russia total grain area for 1996/97, the estimated harvested wheat area increased by 1.1 million hectares, to 25.1 million. A relatively mild winter resulted in reduced winterkill in European Russia, compared to last year, but winter grains suffered from subsequent hot, dry weather in May. A severe heat wave in early July reduced the potential yield of spring wheat in the Volga Valley. Conditions in Russia's spring wheat region have been mixed-- generally favorable in Western Siberia but persistently dry with above-normal temperatures in the southern Urals. Yield is estimated at 1.48 tons per hectare, up 18 percent from last season's reduced level.

Ukraine: Early-season forecasts of a good grain crop in Ukraine have been reduced by drought. Wheat production is estimated at roughly 15.0 million tons, down 1.3 million or 8 percent from last year. Unfavorable spring and early-summer weather had a significant negative effect on potential grain yields. An abbreviated spring tillering period resulted in thin winter wheat stands, and the crop subsequently suffered from high May temperatures and severe localized dryness. Fertilizer application rates have been dropping steadily since prices were liberalized in 1991. Soil fertility likely has been reduced and the depletion contributed to the overall decline of winter wheat yields over the past six years.

Kazakhstan: Wheat production is forecast at 10.0 million tons, up 3.5 million or 54 percent from last year's drought reduced crop. Yield is estimated



at 0.82 tons per hectare, up 58 percent from last year and up 3 percent from the 5-year average. Although total-grain area declined 1.8 million hectares from 1995/96, wheat area is estimated to have declined only 0.3 million hectares. Wheat output is forecast to top last year's dismal harvest as conditions are relatively favorable in

the eastern grain-producing oblasts. However, dryness in key western grain regions has had a negative impact on potential yield.

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CHART 1

# Wheat Production

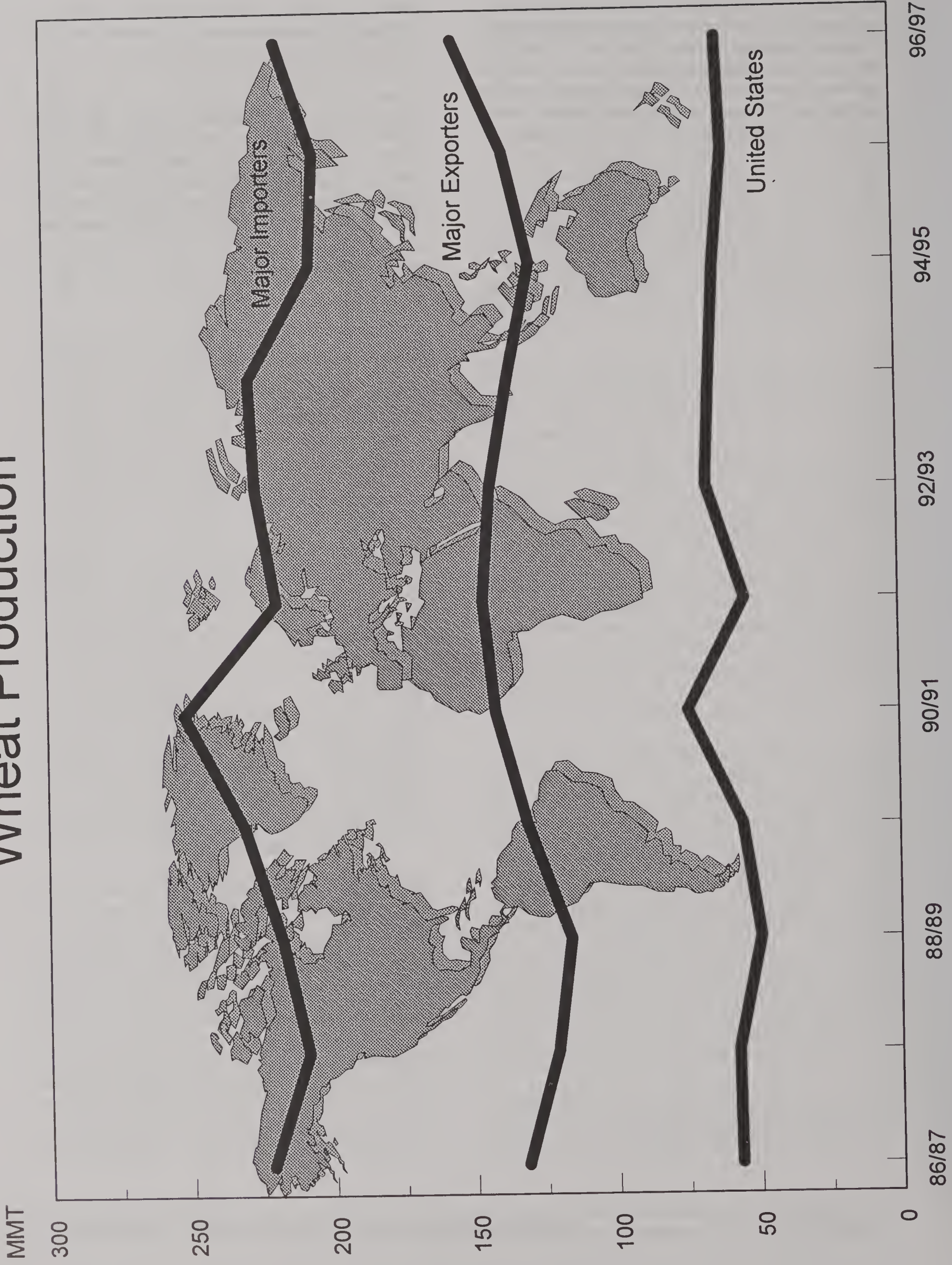
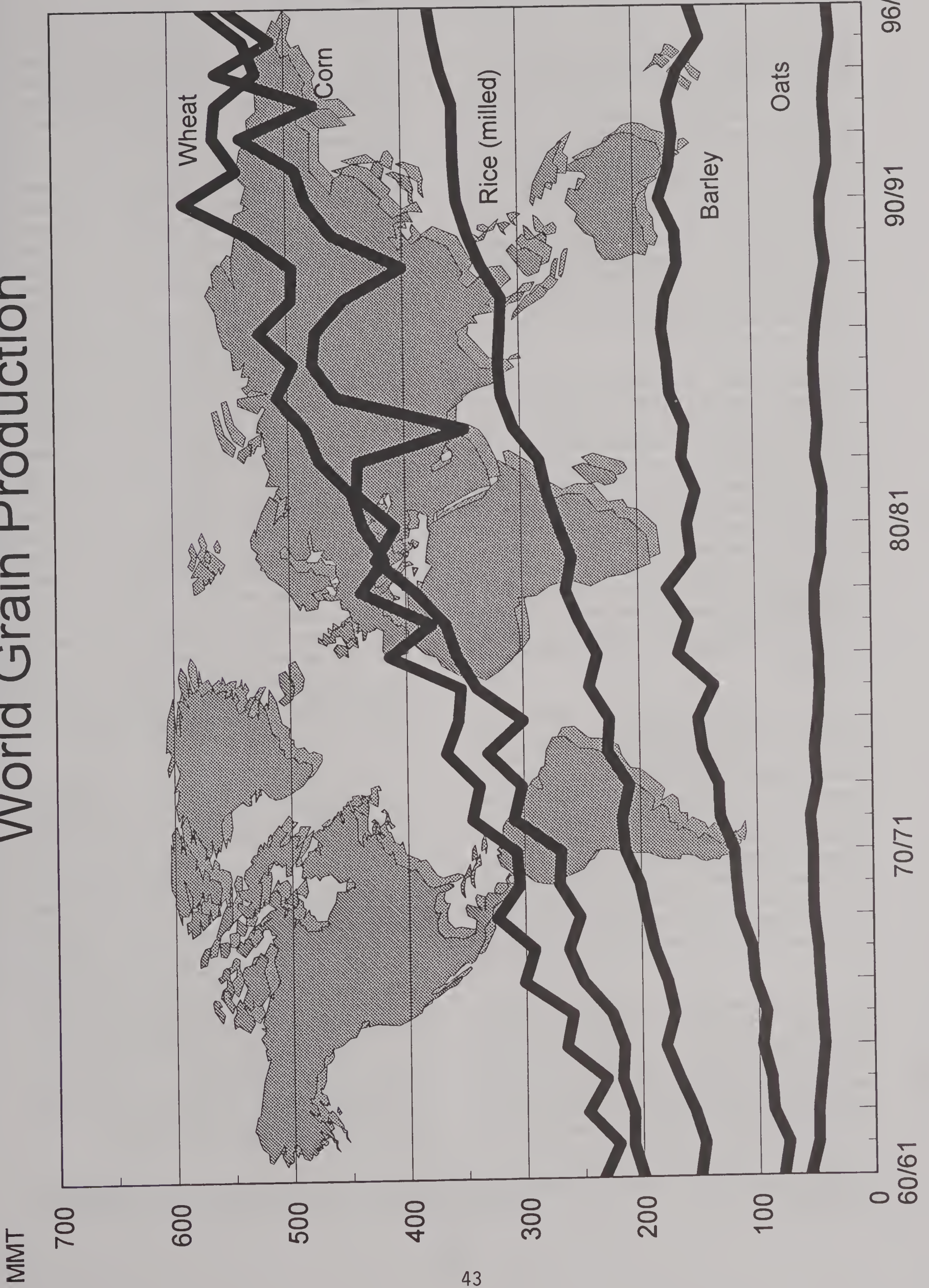




CHART 2

# World Grain Production





## WORLD SOYBEAN SITUATION AND OUTLOOK

World soybean production for 1996/97 is forecast at 131.7 million tons, up 8.0 million or 7 percent from last year. Half of the world's increase in soybean output for 1996/97 is projected in the United States, with a total U.S. soybean crop of 62.6 million tons, up 7 percent from last year. Total foreign production is forecast at a record 69.0 million tons, up 6 percent from last year. Record soybean crops are projected for Brazil, Argentina, Paraguay, Bolivia, and India. These important soybean producers continue to demonstrate a slow, upward trend in output. (See table 12 of this circular for country and regional area, yield, and production estimates.)

Argentina, Brazil, and Paraguay combined are projected to harvest a record 42.0 million tons of soybeans in 1996/97, up 3.9 million or 10 percent from last year. Early planting begins in South America in mid-to-late September. In Brazil, the soybean crop for 1996/97 is projected at a record 26.0 million tons, up 2.8 million or 12 percent from 1995/96. Harvested area is forecast at a near-record 12.2 million hectares. This record production outlook reflects a combination of higher world soybean prices, government policy that will help restructure farm loans and improve loan availability, and a depreciation of Brazilian currency relative to the U.S. dollar.

Argentine soybean output for 1996/97 is projected at a record 13.5 million tons, up 0.9 million or 7 percent from last year. While harvested area is forecast at a record 6.0 million hectares, up 3 percent from 1995/96, yield is estimated at near the 5-year average of 2.25 tons per hectare. Producers have responded to strong international wheat prices by planting an estimated 2.0 million hectares of winter wheat over last year's level. This is expected to result in a higher percentage of second-crop soybeans, as farmers plant soybeans after harvesting wheat.

Paraguay's soybean crop for 1996/97 is forecast at a record 2.5 million tons, up 0.2 million or 9 percent from last year. Harvested area has increased over the past few years and is now estimated at a record 1.2 million hectares. Land newly planted to soybeans will tend to increase in yield potential for the first few years as

repeated soybean plantings favorably condition the soil. Rotation into fallow or other crops is required to disrupt the growth of soybean specific plant fungus and diseases that reduce yield potential.

China, now the world's fourth-largest soybean producer, is projected to produce 13.3 million tons of soybeans in 1996/97, down 0.2 million or 1 percent from last year. This season's crop experienced early, cool temperatures that slowed planting; however, mid-season conditions have been generally favorable. While domestic soybean prices remain appealing and growers face a relatively free market, without government intervention, strong demand and profit margins for corn, wheat, and rice have made these crops attractive alternatives. The largest soybean producing area in China, Heilongjiang Province, over-expanded soybean area two years ago when China's total soybean area climbed to a record 10 million hectares. Farmers, especially in Heilongjiang, have realigned their crop mix this year, taking advantage of the profit potential of alternative crops. In Heilongjiang, soybean producers have switched from soybeans to such crops as wheat and rice. Even if China's soybean area stabilizes at the 8.0 million to 9.0 million hectare range, yield likely will improve from 1.60 tons per hectare, the lowest of the top four world producers. If China were to reach an average yield equal to Paraguay's 2.1 tons per hectare, it would increase soybean output by 4.2 million tons over this year's projected crop.

In India, soybean production for 1996/97 is projected at a record 4.5 million tons, up slightly from last year. Harvested area is estimated at a record 5.0 million hectares, up 0.2 million or 4 percent from last year. Yield is projected to be near the 5-year average of 0.87 tons per hectare. Over the last decade, soybean area has increased significantly as a result of government subsidies and regional crop extension support. Soybean yield varies widely with the level and timing of rainfall during the monsoon season. This season, the major producing area of Madhya Pradesh and, to a lesser extent, Rajasthan and Maharashtra did not receive significant rainfall until mid-July, which delayed planting. Since then, considerable rain fell in these areas, enabling planting to be completed. Harvest will begin this year in late October to early November.



In the United States, the first official soybean forecast by the National Agricultural Statistics Service pegged the 1996/97 crop at 62.6 million tons, up 7 percent from 1995/96. Yield is forecast at 2.44 tons per hectare. Harvested area is estimated at 25.7 million hectares, a 3-percent increase from last year. Overall, planting was slightly behind last year and well behind the 5-year average. Plant maturity is about the same as last year despite the late plantings and cool,

wet weather across the Midwest states. As of August 11, the percent of soybeans blooming, at 82 percent, was slightly behind last year and below of the five-year average of 87 percent. Soybeans were rated in fair or better condition for 88 percent of the crop in the major producing states.

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CHART 3

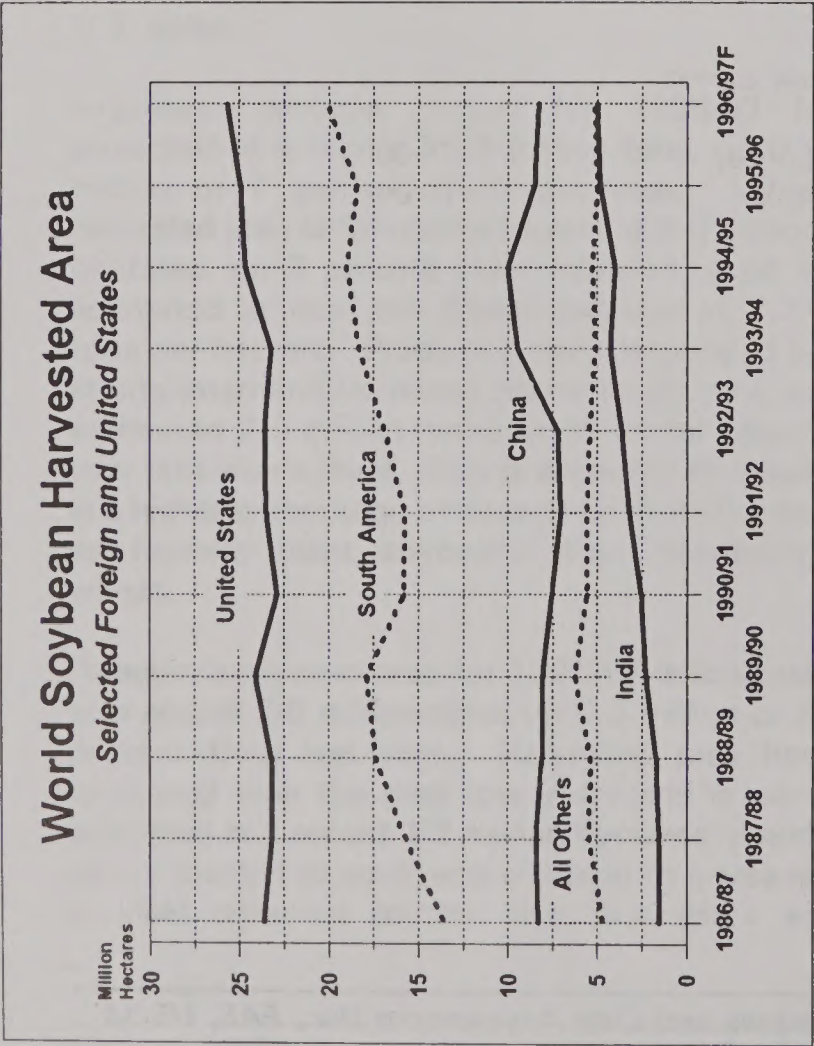


CHART 5

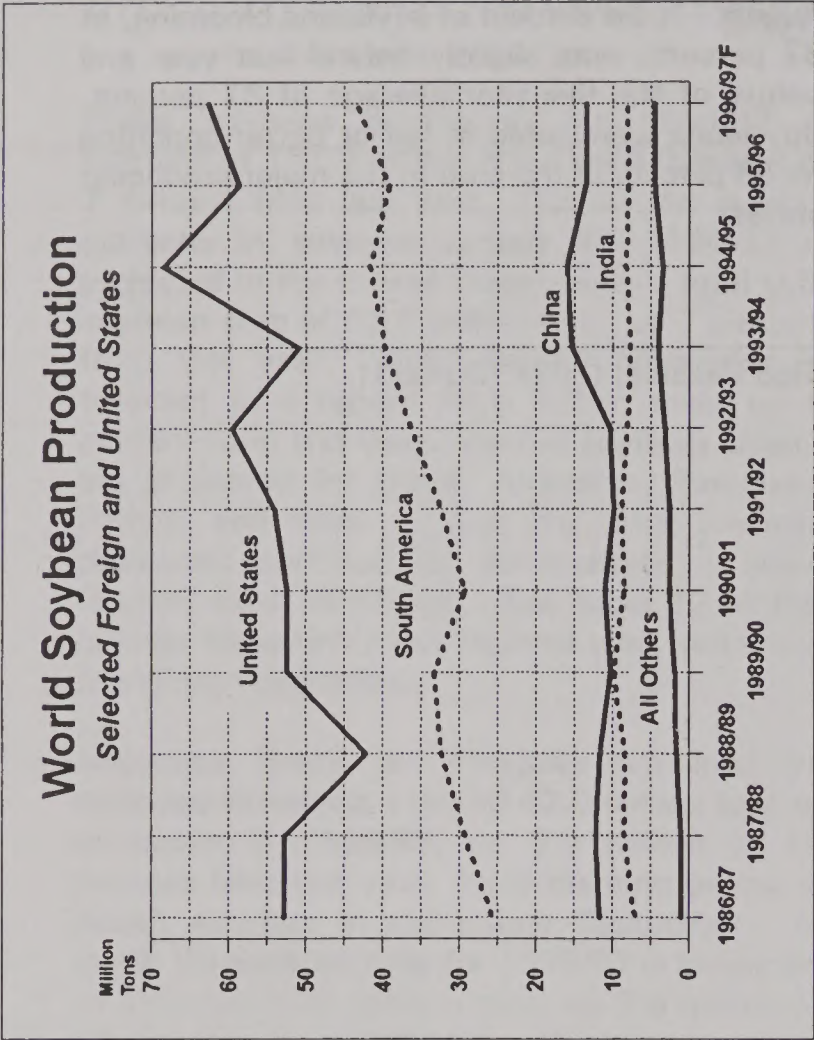


CHART 4

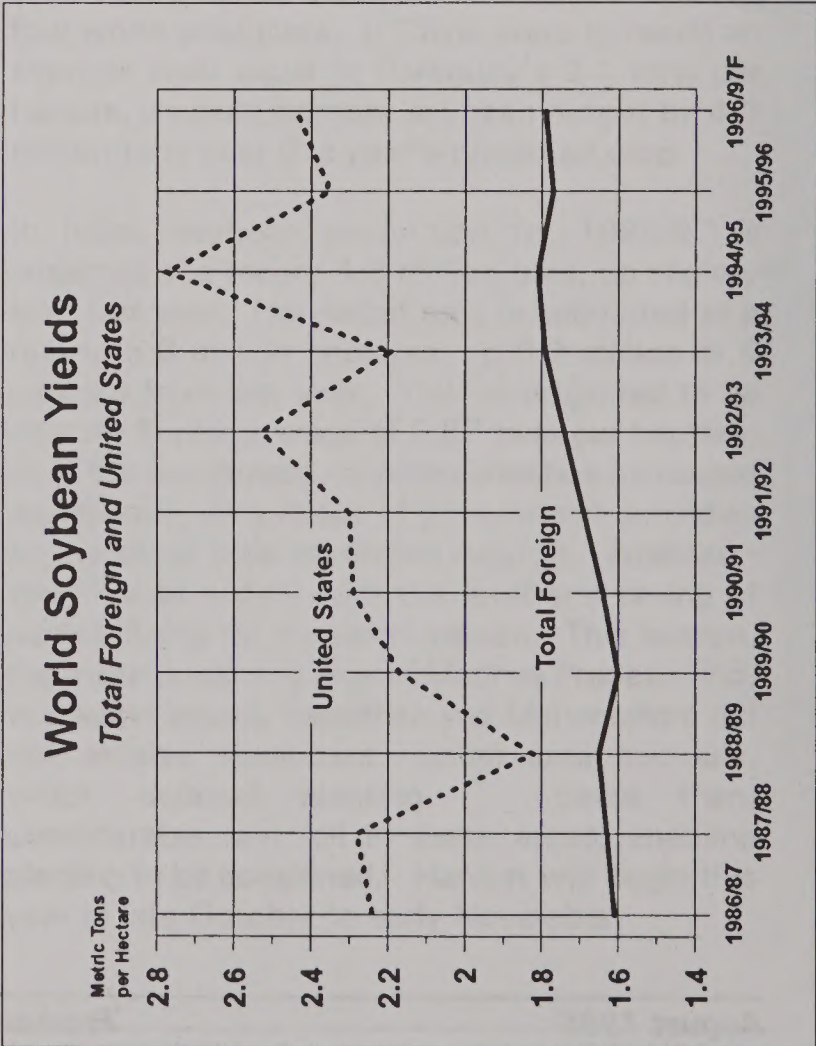


TABLE 20

### World Soybeans

Million hectares area/Tons per hectare yield/Million tons output

	Foreign Area	U.S. Area	Foreign Yield	U.S. Yield	Foreign Production	U.S. Production
1986/87	28.06	23.60	1.61	2.24	45.24	52.87
1987/88	31.09	23.14	1.63	2.28	50.78	52.75
1988/89	32.63	23.22	1.65	1.82	53.90	42.15
1989/90	34.40	24.09	1.60	2.17	55.01	52.35
1990/91	31.47	22.87	1.64	2.29	51.72	52.42
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